

10

The Following is a Chronological list of Events

That Occurred on the DFS Furnace

On 08 May 2000 and 09 May 2000

This List of Events was Compiled by:

Cory Christensen, Plant Shift Manager

Dave Lee, Control Room Supervisor

Stan Garcia, CON Operator on DFS

Matt Elwell, CON Operator, Backup on DFS

Phil Walton, CON Operator

2010 hrs. Because of a DPE entry into ECR-B, the furnace pressure in the DFS was reduced from -0.5"WC to -1.5"WC using DFS Furnace Pressure Controller PIC-18 as per PLAN FOR NON-NORMAL OPERATING CONDITIONS, PLAN NO: DFS-011-01. The Kiln Temperature Controller was taken out of MANUAL operation and placed in AUTOMATIC operation to adjust the Kiln Temperature Controller, TIC-182, setpoint from 960 DEGF to a setpoint of 980 DEGF, as per PLAN FOR NON-NORMAL OPERATING CONDITIONS, PLAN NO: DFS-011-01. (The Kiln Temperature Controller, TIC-182, was turned over in manual from the previous shift. The previous shift had also placed DFS Feed Chute Temperature Controller TIC-154 in MANUAL, with the water spray valve at a 40 %CV position in an attempt to cool down the DFS Feed Chute.)

2030 hrs. With DPE entrants out of the ECR-B, and as per NON NORMAL OPERATING CONDITIONS, PLAN NO: DFS-011-01, DFS Feed Gate 104 was opened.

2034 hrs. With DPE entrants out of the ECR-B, and as per NON NORMAL OPERATING CONDITIONS, PLAN NO: DFS-011-01, DFS Tipping Gate 102 was opened. DPE entrants re-entered ECR-B and began conducting the DFS Feed Chute inspection.

2036 hrs. DFS Feed Chute inspection was complete. DPE entrants notified CON that the DFS Feed Chute was OK, and that everything looked good. There appeared to be some debris clinging to the sides of the DFS Feed Chute.

2037 hrs. Closed DFS Tipping Gate 102 at the instructions of the DPE entrants so that the DPE entrants could obtain a water lance to wash the DFS Feed Chute.

2038 hrs. Opened DFS Tipping Gate 102 at the instructions of the DPE entrants. DPE entrants attempted to insert the water lance into the DFS Feed Chute to wash the debris out to the chute, but could not manipulate the water lance into a suitable position to make an effective wash down of the DFS Chute.

2042 hrs. DFS Operator noticed DFS Kiln furnace pressure begin to make minor excursions that was affecting the operation of the DFS ID Fans. The DFS Operator then placed the DFS Furnace Pressure Controller PIC-18 in MANUAL and attempted to stabilize the DFS Furnace Pressure. The DPE entrants advised the DFS Operator to close the DFS Tipping Gate 102 because they could not get the water lance into a suitable position for washing down the DFS Feed Chute. DFS Operator closed the DFS Tipping Gate 102.

2043 hrs. DFS Operator placed DFS Furnace Pressure Controller PIC-18 back in AUTOMATIC.

2048 hrs. DFS Operator observed that the DFS Furnace Pressure Controller PIC-18 was not stabilizing the DFS Furnace Pressure, and that the DFS Furnace Pressure Controller PIC-18 was making DFS ID Fan Inlet Damper was fluctuating from approximately 30%CV to approximately 90%CV. The DFS Operator took the DFS Furnace Pressure Controller to MANUAL, and a CV setpoint of 92 %CV, to stabilize the DFS Furnace Pressure.

2053 hrs. The DFS Kiln Temperature Indicators TI-51A and TI-51B began showing an increase in temperature from 960 DEGF to 1175 DEGF. The DFS Operator opened up the DFS Kiln Shroud Air Dampers from 0 %CV to 10 %CV. The DFS Operator then opened the DFS Kiln Shroud Air Dampers from 10 %CV to 15 %CV.

2056 hrs. The DFS Operator adjusted the DFS Furnace Pressure Controller PIC-18 from 92 %CV to 91 %CV to reduce the AMP load on the DFS ID Fans while still maintaining adequate DFS Furnace Pressure.

2058 hrs. The DFS Operator adjusted the DFS Furnace Pressure Controller PIC-18 from 91 %CV to 90 %CV to reduce the AMP load on the DFS ID Fans while still maintaining adequate DFS Furnace Pressure.

2058 hrs. The DFS Operator again adjusted the DFS Furnace Pressure Controller PIC-18 from 90 %CV to 89 %CV to reduce the AMP load on the DFS ID Fans while still maintaining adequate DFS Furnace Pressure.

2101 hrs. The DFS Operator opened the DFS Tipping Gate 102 at the instructions of the DPE entrants. DPE entrants lowered an electric light into the DFS Feed Chute to make a better observation of the DFS Feed Chute.

2105 hrs. The DPE entrants advised the DFS Operator to close the DFS Tipping Gate 102 so that the DPE entrants could obtain the necessary parts to make the water lance functional for the purpose of washing out the DFS Feed Chute.

2108 hrs. The DPE entrants instructed the DFS Operator to open the DFS Tipping Gate 102 to make another attempt to wash down the DFS Feed Chute. The attempt was unsuccessful because of the water lance.

2109 hrs. The DPE entrants advised the DFS Operator to close the DFS Tipping Gate 102 so that the DPE entrants could obtain more parts for the water lance.

2115 hrs. The DFS Operator adjusted the DFS Furnace Pressure Controller PIC-18 from 89 %CV to 88 %CV to reduce the AMP load on the DFS ID fans while still maintaining adequate furnace pressure.

2117 hrs. The DFS Operator placed DFS Feed Chute Temperature Controller TIC-154 in AUTOMATIC control and entered a setpoint of 240 DEGF.

2123 hrs. The DFS Operator adjusted the DFS Furnace Pressure Controller PIC-18 from 87 %CV to 86 %CV to reduce the AMP load on the DFS ID Fans while still maintaining adequate furnace pressure.

2124 hrs. The DFS Operator adjusted the DFS Furnace Pressure Controller PIC-18 from 86 %CV to 85 %CV to reduce the AMP load on the DFS ID Fans while still maintaining adequate DFS Furnace Pressure.

2125 hrs. The DPE entrants advised the DFS Operator to open the DFS Tipping Gate 102 to make an another attempt to wash down the DFS Feed Chute.

2127 hrs. The DPE entrants completed wash down of the DFS Feed Chute.

2129 hrs. The DPE entrants advised the DFS Operator to close the DFS Tipping Gate 102.

2130 hrs. The DFS Operator adjusted the DFS Furnace Pressure Controller PIC-18 from 85 %CV to 50 %CV to reduce the AMP load on the DFS ID Fans while still maintaining adequate DFS Furnace Pressure. The DFS Operator closed the DFS Feed Gate 104.

2131 hrs. The DFS Operator place DFS Furnace Pressure Controller PIC-18 in AUTOMATIC and entered a setpoint of -1.00 "WC.

2132 hrs. The DFS Operator adjusted the DFS Furnace Pressure Controller PIC-18 from a setpoint of -1.00 "WC to a setpoint of -0.75 "WC.

2133 hrs. The DFS Operator adjusted the DFS Furnace Pressure Controller PIC-18 from a setpoint of -0.75 "WC to a setpoint of -1.00 "WC.

2141 hrs. The DFS Operator adjusted the DFS Furnace Pressure Controller PIC-18 from a setpoint of -1.00 "WC to a setpoint of -0.50 "WC.

2145 hrs. The DFS Operator observed that the DFS Furnace Pressure Controller PIC-18 was not able to obtain the desired setpoint of -0.50 "WC and began investigating possible causes for the lack of response from the DFS Furnace Pressure Controller PIC-18. Upon looking at PC ACVISOR DFV Screen, the DFS Venturi was opened to 100 %CV. The DFS Operator checked the DFS Reading Sheets and obtained the DFS Venturi position during normal operations and placed the DFS Venturi Controller PDIC-008 in MANUAL.

2146 hrs. The DFS Operator adjusted the DFS Venturi Controller PDIC-008 from a setpoint of 95 %CV to a setpoint of 85 %CV. The DFS Operator observed that the DFS Furnace Pressure Controller PIC-18 was responding to the DFS Venturi adjustments and the DFS Furnace Pressure Controller PIC-18 was adjusting the DFS ID Fan

Dampers closed. The DFS Operator placed the DFS Furnace Pressure Controller PIC-18 in MANUAL and adjusted the setpoint from 14 %CV to a setpoint of 16 %CV.

2148 hrs. The DFS Operator adjusted the DFS Furnace Pressure Controller PIC-18 from a setpoint of 16 %CV to a setpoint of 18 %CV.

2150 hrs. The DFS Operator adjusted the DFS Venturi Controller PDIC-008 from a setpoint of 75 %CV to a setpoint of 60 %CV. The DFS Operator then adjusted the DFS Venturi Controller PDIC-008 from a setpoint of 60 %CV to a setpoint of 65 %CV.

2151 hrs. The DFS Operator adjusted the DFS Furnace Pressure Controller PIC-18 from a setpoint of 20 %CV to a setpoint of 22 %CV.

2154 hrs. The DFS Operator observed that the DFS Furnace Pressure was maintaining steady operation and placed DFS Furnace Pressure Controller PIC-18 and DFS Venturi Controller PDIC-008 in AUTOMATIC Operation.

2158 hrs. The DFS Operator observed that the DFS Venturi Controller was adjusting DFS Venturi closed from a CV position of 65 %CV to a CV position of 85 %CV. The DFS Operator placed the DFS Venturi Controller PDIC-008 in MANUAL and adjusted the DFS Venturi Controller PDIC-008 from a setpoint of 85 %CV to a setpoint of 100 %CV. The DFS Operator placed the DFS Furnace Pressure Controller PIC-18 in MANUAL.

2200 hrs. The DFS Operator adjusted the DFS Furnace Pressure Controller PIC-18 setpoint from -1.00 "WC to a setpoint of -0.50 "WC and placed the DFS Furnace Pressure Controller PIC-18 in AUTOMATIC operation.

2201 hrs. The DFS Operator place the DFS Furnace Pressure Controller PIC-18 in MANUAL operation.

2202 hrs. FSL-430 PAS SCRUBBER 102 DFS (EXHAUST GAS) NFPA BURN SHUTDOWN FLOW LOW LOW Alarm sounded and stopped all DFS Furnace Burners.

2202 hrs. XS-430 PAS SCRUBBER 102 DFS (EXHAUST GAS) NFPA BURN SHUTDOWN FLOW LOW LOW MALFUNCTION Alarm sounded.

2203 hrs. DFS Afterburner Pressure High alarm sounded. The DFS Operator reset the DFS Afterburner Lockout. The DFS Operator placed the DFS Furnace Pressure Controller PIC-18 in MANUAL and adjusted the DFS Furnace Pressure Controller PIC-18 from a setpoint of 2 %CV to a setpoint of 20 %CV. The DFS Furnace Operator adjusted the DFS Afterburner #1 Fuel Gas Controller FIT-191 from a setpoint of 0 %CV to a setpoint of 10 %CV. The DFS Operator adjusted the DFS Afterburner #2 Combustion Air Flow FIT-79 from a setpoint of 100 %CV to a setpoint of 10%CV. The DFS Operator adjusted the DFS Afterburner #2 Fuel Gas Controller FIT-66 from a setpoint of 15 %CV to a setpoint of 10%CV. The DFS Operator placed the DFS

Afterburner Temperature Controller TIC-92 in MANUAL and adjusted the DFS Afterburner Temperature Controller TIC-92 from a setpoint of 100 %CV to a setpoint of 45 %CV.

2206 hrs. DFS Afterburner Temperature Low alarm sounded.

2209 hrs. The DFS Operator concluded from the indications from the DFS ID Fan Inlet Damper Position and DFS Furnace Pressure that there may be a problem with the KURZ Flow Indicator FIT-430. The DFS Operator the contacted the I&C Technicians to troubleshoot and fix the problem with the DFS KURZ.

2210 hrs. The DFS Demister Level began rising at a rapid rate.

2225 hrs. The I&C Technicians began troubleshooting the DFS KURZ Flow Indicator.

2226 hrs. The DFS Operator adjusted the DFS Afterburner #1 Combustion Air Controller FIT-78 from a setpoint of 10 %CV to a setpoint of 100 %CV. The DFS Operator was advised by the Control Room Supervisor to place the DFS Furnace in the proper sequence of steps to begin a Purge Sequence of the DFS Afterburner.

2227 hrs. The DFS Furnace Flow Indicator FIT-430 began to intermittently indicate proper flow, and then flow low low because of the troubleshooting attempts by the I&C Technicians. The DFS Operator adjusted the DFS Afterburner #1 Combustion Air Flow Controller FIT-78 from a setpoint of 100 %CV to a setpoint of 10 %CV to maintain as much latent heat as possible in the DFS Afterburner.

2230 hrs. The I&C Technicians advised the Control Room Supervisor that the DFS KURZ Flow Indicator FIT-430 had apparently been saturated with water and would not give a correct flow indication until the flow indicator had sufficient time to dry. The Control Room Supervisor the began process of initiating a Temp Change to place a jumper on the FIT-430 Flow Low Low Switch so the a purge could be completed and the DFS Afterburner could be relit.

✓ working for temp change, troubleshooting on going.
From 2230 hrs. to 2326 hrs. the I&C Technicians worked to dry out the KURZ FIT-430 Flow Indicator, the DFS PAS Operator drained the excess fluid from the DFS Demister, and make sure that the DFS PAS was meeting the PAS NORMAL Conditions.

2326 hrs. First ACAMS Alarm sounded on PAS 701C alarmed at 0.67 ASC.

2328 hrs. First ACAMS Alarm sounded on PAS 701A alarmed at 1.57 ASC.

2341 hrs. First ACAMS Alarm sounded on PAS 702 alarmed at 1.45 ASC.

2344 hrs. The Control Room Supervisor directed the DFS Operator to Bottle-Up the DFS Furnace.

0023 hrs. ACAMS had cleared and the Control Room Supervisor directed the DFS Operator to attempt to Purge and Light the DFS Afterburner. The DFS ID Fans failed to start on first attempt. When ID Fans were up and running, the DFS Operator attempted to relight the DFS Afterburner, the DFS Afterburner BMS System initiated a Burner Lock Out. *CL PUMPS NOT RUNNING DROPPED OUT BURNER*

0029 hrs. First ACAMS Alarm sounded on PAS 701B alarmed at 0.39 ASC.

0030 hrs. First ACAMS Alarm sounded on PAS 701C alarmed at 0.56 ASC.

0032 hrs. The Control Room Supervisor directed the DFS Operator to Bottle-Up the DFS Furnace.

0041 hrs. First ACAMS Alarm sounded on PAS 702 alarmed at 0.23 ASC.

** FOUND ONE HEAVY STRAINER LEFT ON GATES.*

Nights A-Team.

08 May 2000

To the best of my knowledge the problems that I had seen with the DFS system: I was covering a DPE entry to ECR B for feed chute clean out.

Entrants into ECR B at 2022, and started working on chute & clean out at 2030 hours: Entrants are operating by the Non-Normal Operating Conditions Plan No. DFS-011 for Explosives Cleanout. After inspecting below the tipping gate Entrants found about a 316 coffee can full of build up, ALSO they had notice that there was a fire burning on the Kicker Plate: Entrants wash down the build up below the tipping gate and ALSO put the fire out that was on the kicker plate: during this procedure the Kiln pressure controller was set for -1.50"wc.

From what I had notice, from viewing the furnace press off of another console screen: Pic 18 was in Auto mode at the time both Fred gates were open: When this happens: the furnace press starts to go poss: so the CV for the Id Inlet damper starts to open and try and maintain the set point of -1.50"wc.

I had mention this to the DFS operator, ~~but~~ and he had took manual control of the controller and adjusted the CL on the controller, in order to Reduce the neg press on the kiln: At this time of Action I believe the system was so neg: that it had sucked enough water out of the Clean liquor sump and flooded the Huz meter which caused a FSH alarm and shut down the whole system:

A Team Con't. Matt Elwell 08 May 2000

2210 DPE entry was complete. I then proceeded to help get the DFS operator with trying to bring up the DFS system.

23 2344 After try to establish purge and relitting Afterburner was instructed to bottle DFS. Note * 2324 Pas 701 A and Pas 701 C in alarm. Also at 2341 Pas 702 in alarm.

0023 Restart purge in order to bring DFS back up: during purge the afterburner was loosing temp.

0032 was instructed to bottle DFS back up Pas 702 in alarm and is still bottle up at this time.

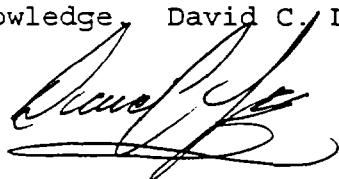
These events that took placed are to the best of my knowledge.

Matt Elwell 09 May 2000

On May 8, 2000 I, David Lee was Acting Control Room Supervisor for our night shift rotation. When we took turn over from the off going shift, we had a jam in the DFS feed chute at the lower gate that we needed to work on. A pre-entry meeting was planned and the entry team went into the ECR-B to work on the jam. I had called the system engineer to get approval to use the non-normal procedure for a chute jam. The engineer OK'd this. The plant shift manager then gave me copies of the procedure to be used. I gave copies to the control room operators. I talked to the DFS and DPE control room operator about the progress of the jam they said they cleared the jam that was approximately the size of a coffee can. I then went to check on the other work that was on going. When I walked by the DFS which was operator I noticed he was fighting the furnace pressures a little. I asked if it was ok. He told me he was restoring his furnace from the work on the chute and the non-normal. At this time I continued on with my job. About 30 minutes later, the DFS operator told me he had a malfunction on his Kurz flow meter and it dropped out his burners. I told him to contact the I&C tech for support. They got back with him for trouble shooting and we tried to re-light the burner so they could look in to the malfunction. At this time we had not fed anything to the furnace for about 45-min. (i.e., the material from the jam). We had not lost any temp until we dropped the burners. I felt the time and temp from the last feed was good that there were no munitions or waste in the furnace. This was a good time to trouble shoot the kurz meter. I&C found the kurz was flooded. This was caused by the pressure changes in the furnace while trying to recover from the clean out. This also gave us a flow lo lo in our PAS system. This is what dropped the burners, and we also lost the system purge on the burners. While trying to re-light we had to re-purge the system which adds a lot of air to complete the purge. The flow lo lo would not allow us to purge the system. We were going to jumper the flow lo lo switch to let us light off the burners. In doing this it would also dry out the kurz. Our procedure has us write a temp change to install jumpers. I then started the temp change. I called the system engineer for approval and paged the parties required to sign the temp change to please come to the control room. After about ten to fifteen min had gone by, I asked the plant shift manager to page our QA person to come to the Con. Upon completion of the temp change the I&C tech went to install the jumper. I then went to tell the DFS operator that they were on their way out. While I was going into the Con the utility operator sounded the site agent alarm for a PAS 701C alarm. 2 min later PAS 701A alarmed. Unable to light the afterburner in the DFS because the jumper had not been installed, I then directed the DFS operator to bottle up the furnace to hold temp. Approx. 14-min had gone by, then PAS 702 alarmed. We started all of our requirements for this type of event. Trying to find out where we could be getting readings from when we had not fed anything for 2 hours since cleaning out the chute jam and the afterburner still had good temp in it. The DAAMS were sent to the Cal Lab. I called to get a rush on the results. Waiting for the results, the plant shift manager and I talked things over and decided to get the afterburner back on line. At this time, the kurz

meter malfunction had cleared as a result of the DFS bottle-up allowing the kurz to dry-out. We agreed to do this. I had talked with the DFS operator to look things over and make sure that everything was normal before doing so. At this time, I had two DFS operators at the furnace to review things and make sure things were going ok. We started to light the burner in the DFS, 6-mins into the purge PAS 701B alarmed and PAS 701C alarmed 1 min. later. We had the burner lock out on the first try. Paged the Monitoring lead, he was still at the ACAMS unit challenging PAS 702 and told me it just went into alarm. I then told the DFS operator to bottle up the furnace. The CAL Lab started calling the Con with results from the DAAMS tubes, they were confirmed. The operators and myself are still trying to find out where the readings were coming from. We did not suspect the DFS at first because the way that 701 come in 14-mins before 702. This is why we made the call to light the burner after things were stable. The plant shift manager came up to me and told me he talked to the Lab and the PAS 704 come back hot not 702 from the first time we masked the site, so we directed our investigation to the LIC 1 furnace yet, we were only feeding SDS to the Sec chamber. We had not fed agent since before our shift started. Then Monitoring called and told us that were was a mistake, that the 704 was 702. This then directed our attention back to the DFS. This is when I found out that the entry in to work on the jam had left the agent strainers in the gate from when they did the strainer change. We then put together a DPE entry to go decon the gate and take the strainers off the gate. At this point while making the appropriate calls, the plant shift manager and I were told by management to leave the furnace bottled up. This is where the furnace remained until the end of shift. The plant shift manager asked to be told if the temp in the afterburner drops to 1550. The temp started to slowly drop near the end of our shit. We then turned over with the on coming shift.

This statement is true to the best of my knowledge. David C. Lee,
Alt Control Room Supervisor.

A handwritten signature in black ink, appearing to read "David C. Lee".



TOCDF NOTIFICATION REPORT

MANAGEMENT

Subject or Title of Occurrence: PAS 701 A { 701 C ALARM

Occurrence Report #: 000508 A1

Date, Time Reported, How Reported: 08 MAY 00, 2326, ALARM IN CONTROL ROOM

Name, Job Title of Person Reporting the Event: SID LAWRENCE, CON OPERATOR

Originator of Notification Report (NR): MACE DAVIS

Preliminary Classification:

AL1 AL2 AL3 AL4

Time classification was made: 2329

Person Making Classification: DAVIS LRL SCR

Final Action Level Classification:

AL1 AL2 AL3 AL4

Date and time classification was made: 09 MAY 00 0103

Person confirming final classification: PSM COREY CHRISTENSEN

Area or Facility Involved:

A or B Area in MDB	<input type="checkbox"/>	CHB	<input type="checkbox"/>
UPA	<input type="checkbox"/>	Treaty building	<input type="checkbox"/>
C Areas other than UPA in MDB	<input type="checkbox"/>	S-1	<input type="checkbox"/>
Control Room	<input type="checkbox"/>	S-2	<input type="checkbox"/>
Cool-down enclosure	<input type="checkbox"/>	S-3	<input type="checkbox"/>
BRA/RHA	<input type="checkbox"/>	S-4	<input type="checkbox"/>
BRA PAS	<input type="checkbox"/>	S-5	<input type="checkbox"/>
BCS	<input type="checkbox"/>	S-6	<input type="checkbox"/>
PAS	<input checked="" type="checkbox"/>	S-7	<input type="checkbox"/>
Clinic	<input type="checkbox"/>	Administrative trailers	<input type="checkbox"/>
DSA	<input type="checkbox"/>	CAL	<input type="checkbox"/>
Other PMB	<input type="checkbox"/>	Receiving	<input type="checkbox"/>
ECF	<input type="checkbox"/>	Stark Rd.	<input type="checkbox"/>
MSB	<input type="checkbox"/>	Other limited area	<input type="checkbox"/>

Other area: Common Stack ALARM

Was there a spill or release of agent? Y N

If yes, in what area: C Outside of Engineering Controls Stack

Agent type: b6

Confirmed: Y N

What is the highest known ACAMS/DAMIS reading? 2.74 ASC

Were agent munitions involved in the incident? Y N

If yes, list type and quantity.

Was there an explosion or threat of explosion? Y __, N

If yes, what is the explosive source?

Was there a spill or release of other hazardous material? Y __, N

Caustic __, Brine __, Bleach __, Gasoline __, Diesel __, Oil __, LPG __

Surrogates __, Hydrogen __, Other: _____

Estimated size of spill: _____ gallons

Where there injuries to any personnel: Y __, N

If yes, complete the following information for each casualty: How many personnel were injured or affected, Name, Job title, Nature of injury, treatment provided; condition [stable, improving, or deteriorating], time of report, source of information.

Is it probable that these injuries will result in lost work time? Y __, N , Don't know __.

Nature of occurrence: (Check up to 3)

Equipment or facility damage

- Fire
- Explosion
- Degradation of Safety Systems including LLS Air, HVAC, ACAMS
- Failure of/damage to critical operational structure, system, or component
- Failure of PPE

Personnel performance:

- Operational procedure violation
- Safety procedure violation

Environmental:

- Agent spill or release
- HAZMAT spill or release
- Permit violation

Personnel Safety:

- Occupational illness/injury
- Vehicular accident

Security/Surety

- Loss of control of surety material
- Loss of control of exclusion area
- Other surety issues
- Badge violation
- Escort violation
- Theft
- Hostile acts or threats of hostile action by employees.
- Outside threats, demonstrations, protests.

Cross-category items:

- Collectively significant related occurrences
- Near miss occurrences
- Items that may generate media interest, or oversight concerns.

Description of occurrence:

ACAMS ALARM ON PAS 701 A & 701 C

PAS 702 ALARM @ 2341

ALL STACK ALARMS OVER 0008

PAS 701 B ALARM 0029 701 C @ 0032

PAS 701A confirmed @ 2.74 ASC @ 0057. PSM declared AL4 @ 0103

Protective Actions ordered:

- Mask and continue to work
- Mask and shelter in place
- Shelter in place
- Evacuate a building or area
- Evacuate the site

Facility Condition:

- | | |
|-------------------------------------------------------|------------------------------------------------|
| <input checked="" type="checkbox"/> Normal Operations | <input type="checkbox"/> Emergency Response |
| <input type="checkbox"/> Start-up | <input type="checkbox"/> Inspection monitoring |
| <input type="checkbox"/> Shut-down | <input type="checkbox"/> Test |
| <input type="checkbox"/> Training | |

Current Status:

Direct and/or Root Cause:

Immediate corrective actions taken:

SITW MASK H1)

Date and time of notifications:

Position Notified	Date/Time Called/Time Notified
Area Supervisor	08 MAY 00 2326
Plant Shift Manager/Department Manager	08 MAY 00 2326
Shift Safety Representative	08 MAY 00 2326
Shift Environmental Representative	08 MAY 00 2326
PMCD Shift Engineer	08 MAY 00 2327
DCD EOC	08 MAY 00 2327
Safety Manager	09 MAY 00 0111
Environmental Compliance Manager	09 MAY 00 0108
Operations Manager	09 MAY 00 0138
Deputy GM, Risk Management	09 MAY 00 0115
Deputy GM, Operations	09 MAY 00 0131
General Manager	
Site Investigating Team (at direction of DGMRM)	

Note 1: Date should be entered only if it is different from the event date.

Note 2: If contact is with a person designated to a position on a temporary basis, note the persons name.
(i.e., if Mike Rowe is out of town and has designated Jack Maddox to act in his place, note "Jack Maddox" in the GM box, and indicate time called/contacted.)

Approvals:

I confirm that the information contained in this notification is true and accurate to the best of my knowledge, and concur with the classification assigned, and actions recommended.

Area Supervisor: _____

Plant Shift Manager: _____
or

Department Manager: _____

Required only at Action Level 2 and above:

Operations Manager: _____

or

Division Manager: _____

One signature required if Action Levels 3 and 4 are confirmed prior to report:

Deputy GM, Risk Management: _____

Deputy GM, Operations: _____

General Manager: _____

- 2324 Recalls Alarm Common Stack
#pac @ 0.61 ASC - Safety - Env notified
- 2327 QASAS - Monitoring - Err. no fixed
2328 701A @ 1.57 ASC
- 2329 701C @ 1.32 ASC next cycle
- 2331 701A @ 2.52 ASC next cycle
Monitoring updated / Parameter was activated
- 2332 701C @ 1.58 ASC next cycle
All functions complete
- 2334 701A @ 2.94 ASC next cycle
- 2335 701C @ 2.30 ASC next cycle
- 2336 701A @ 3.24 ASC next cycle
- 2337 701C @ 2.90 ASC next cycle
Monitoring update
- 2338 701A @ 3.40 ASC next cycle
- 2339 701C @ 1.45 ASC - first alarm
- 2340 701C @ 2.64 ASC next cycle
5T Trippe to lunch room
- 2341 701A @ 3.38 ASC
- 2342 701C @ 0.61 ASC
- 2343 701C @ 2.00 ASC
- 2344 701A @ 1.31 ASC
- 2345 701C @ 0.69 ASC
- 2346 701C @ 0.69 ASC
- 2347 701C @ 0.69 ASC
- 2348 5.1 Thorpe accounted for

8-9 May 06

P.1

CONFIRMED

1011

~~CONFIRMED~~

A-14
CONFIRMED

~~CONFIRMED~~

B-14
CONFIRMED

GO

ODM Adams Alarm Comm Stack
0020 7018 @ 0 29 / 70 @ 0 30
4 Bar - Rudder Safety - EN - OAS

0031 7018 @ 0 74 ASC

0032 PIC @ 0 81 ASC

0034 7018 @ 0 61 ASC

0035 PIC @ 0 30 ASC

1012 @ 0 4 ASC

11.1 magne plate loose

7018 @ 0 30 ASC

0037 7018 @ 0 01 Clear *

1012 @ 0 2 ASC

7018 @ 0 05 Clear *

1012 @ 0 23 ASC

7018 @ 0 25 ASC

1012 @ 0 24 ASC

7018 @ 0 24 ASC

1012 @ 0 24 ASC

7018 @ 0 18 ASC Chw *

1012 @ 0 17 Clear

7018 @ 0 15 Clear

1012 @ 0 14 classed first indication
to A-11000s notification

0101 1112 @ 0 11 Clear

0101 7018 @ 0 09 Clear
Unmaste site

Notification Checklist

Name of event: PAS-701 ACAMS Alarm

Event #: 000508 A Declared Emergency Y N

Time Event Started/Occurred (if known): 2326 08 MAY 00

Time Event was reported/discovered: 2326 08 MAY 00

Time Event was classified (Preliminary): 2326 08 MAY 00

Preliminary Classification: All Confirmed Classification (if known): All

(All times should be recorded in military time.)

- Complete the notification checklist for all emergencies, and classified Action Level 3 or 4 events.
 - Record the time of the first phone call you make to each person for notification. After the time indicate an H for home, a C for cell, or a W for work to indicate the number called.
 - If contact is made on the first call simply check the direct contact box.
 - If you do not make contact until a later call, record the time of actual contact with an H, C or W indicating the phone on which contact was made.
 - If you leave a message enter the time the message was left and an H, C, or W as appropriate.
 - If there is no contact just check the box.

If there is no contact on the first call you should try the call at least twice more. One of the additional calls should be on another phone (cell or home) if there are two options available.

**CHEMICAL STOCKPILE DISPOSAL PROGRAM
TOOELE CHEMICAL AGENT DISPOSAL PROGRAM
CONTRACT DACA87-89-C-0076**

Title: DFS Feed Chute Line A Explosives Cleanout

PLAN FOR NON-NORMAL OPERATING CONDITIONS

Plan No: DFS-011-01

Prepared by:

EG&G Defense Materials, Inc.

11600 Stark Road

Tooele, UT 84074

Approved by: Thane Eyr Date: 4-27-00
(Initiator)

Approved by: Ducie C. Chadd Date: 4-27-00
(Safety)

Approved by: Joe R Date: 27 APR 00
(Operations)

Approved by: C Scott W Date: 4/27/00
(Engineering)

Approved by: Kathy A. Camm Date: 27 Apr 00
(Environmental)

Approved by: Lesley K. Ricard Date: 27 April 00
(Quality)

Approved by: Lorraine L. Young Date: 4/27/00
(TOCDF Site Project Manager)

PLAN FOR NON-NORMAL OPERATING CONDITIONS

TITLE: DFS Feed Chute Line A Explosives Cleanout

Step/ condition	DESCRIPTION	BY/DATE
INSPECTION PREPARATION		
1	Have the CON Engineer CLEAR INTERLOCKS to allow the slide gate (MMS-GATE-103) and the ECR A doors to be open at the same time.	
2	REDUCE the DFS kiln pressure in accordance with Operations Management Memorandum (OMM) 00-05.	
NOTE: Any entry into the ECR must comply with OMM 00-05.		
3	PERFORM an entry into ECR A. The Shift Safety Representative will determine the level of PPE. Entrants and associated personnel must comply with the appropriate SOPs.	
4	REMOVE the birdcage from around the feed gate housing and set it aside.	
5	OPEN the slide gate (MMS-GATE-103).	
6	Visually INSPECT around the slide gate and inside the feed chute for build-up of explosive debris.	
CHUTE CLEANOUT		
7	CONNECT the hose and lance to a Process Water line. Using the lance, WASH the explosive debris from around the slide gate and the feed chute down the chute.	
8	Entrants EXIT the ECR, CLOSE the blast doors, and OPEN the dampers.	
9	CLOSE the slide gate (MMS-GATE-103) and CYCLE the tipping gate (DFS-GATE-101).	
10	OPEN the slide gate (MMS-GATE-103).	
11	Entrants REENTER the ECR. REPEAT the visual inspection (step 6).	

PLAN FOR NON-NORMAL OPERATING CONDITIONS

Sheet 1

TITLE: DFS Feed Chute Line A Explosives Cleanout

Step/ condition	DESCRIPTION	BY/DATE
12	REPEAT the chute cleanout (steps 9-11) if necessary.	
13	DISCONNECT the process water lance before terminating the entry.	

NOTE: If the entrants are not able to remove the explosive debris from the feed chute by following the steps of this procedure, then the procedure will have to be modified and reviewed by each of the approving organizations.

Non Normal Procedure: Safety Evaluation

Related document is NNOP for Clearing DFS Feed Chute Using Water/Air Lance, DFS-010

Procedure # DFS-011

Date of Analysis: 3/232/2000

Analyst: Ducie Chads *DCh*

Key Steps:	Tools/Materials Used:	Potential Hazards:	Recommended Actions:	Comments:
Note	Follow OMM-00-05, ECR Entrants to follow attached Additional Protective Measure for ECR Entrants	Flammable gases or residue between feed chutes could catch on fire.	Document calls for a minimum 10-minute period of stop feed before entrants enter the ECR.	1. Flash fire (deflagration) of 3/16/00 occurred about 2 minutes after entrants left room.
2 & 3.	Reduce DFS Kiln pressure to -1.5" H2O.	Back flow of gases into ECR-A while entrants are in room.	1. Adjusting pressure of kiln will pull gases into kiln from the ECR-A. 2. Tipping Gate will be closed during the entire operation.	1. When entrants open the ECR door and latch it to stay open the HVAC dampers to the room close. 2. Kiln will preferentially pull gases through the open ECR Room door from the UMC.
2.	Raise TIC-182 to set point of 182 °F (?)	Residence time drops and HDC loses temperature. A RCRA violation could occur	Action has known effect of heating up kiln more than normal and preventing violation.	Temperature in memo states "980 degrees". Plant operates based on fahrenheit scale. This should be clearly stated so not to confuse outside observer
5.	Open slide gate MMS-Gate 103, also known as DFS Feed Gate	Back flow of gases into ECR-A with entrants in room, entrants will eventually hold wand above this gate.	1. Temperature exposure of Level B TAP above flammable temperatures. 2. Tipping gate will be closed.	1. Need to confirm by demonstration that airflow from ECR into Kiln can be maintained under prescribed conditions.

Non Normal Procedure: Safety Evaluation

Related document is NNOP for Clearing DFS Feed Chute Using Water/Air Lance, DFS-010

Procedure # <u>DFS-011</u>		Date of Analysis: 3/232/2000	Analyst: <u>Ducie Chads</u>	
Key Steps:	Tools/Materials Used:	Potential Hazards:	Recommended Actions:	Comments:
6 & 13.	Insert CCTV Camera into feed chute to verify how much material is in chute	Heat Exposure to entrants and poor TV picture	1. Tipping Gate will be closed. 2. Previous TV pictures using this method were poor, camera swung around making picture poor	1. During previous chute cleaning efforts with water highest temperature in room was 78 °F. 2. Airflow will be with insertion direction of camera, may not swing around.
9	Connect hose and lance to Process Water line and wash debris and explosives from chute	Violation of Two Man Rule	Valve is connected directly to wand, can be opened and closed in ECR. Water connection is in UMC.	
,	Flush chute with water	Explosion or detonation	None- unlikely force of water impacting explosive debris will cause explosion.	Has not done it in previous cleanings, not concentrated force.



TEMPORARY CHANGE FORM

OPERATIONS

SYSTEM:	CHANGE NO:	REQUESTER:
DPS	0112	D. Lee 725 NAME AND PHONE

Signature and Date

CURRENT CONFIGURATION (Use additional sheets if necessary):

System Purge complete up to FSL 430 in XZM to Relite Burner

PROBLEM:

FSL 430 will not stay armed to allow Purge complete

PROPOSED CHANGE:

Install Jumper to complete Purge

PLANNED DATES: INSTALL 8 May TEST 8 May REMOVAL 9 May

Affected Key Procedures and Drawings:

APPROVAL TO PROCEED WITH A TEMPORARY CHANGE:

EG&G Plant Shift Manager (Signature & Date)

PORTE COM FOR TOWNE E&E
EG&G System Engineer (Signature & Date)

EG&G Safety (Signature & Date)

EG&G QA (Signature & Date)

EG&G Environmental (Signature & Date)

*USE OF CHEMICAL DEMIL MATERIAL OR HAZARDOUS WASTE IS PLANNED IF THIS BOX IS INITIALED.

USE OF THESE MATERIALS IS AUTHORIZED ONLY IF EACH BOX ABOVE IS INSTALLED.

INSTALLATION FUNCTION TEST PLAN

 Function Test required Function Test Not Required

WILL THIS T.C. REQUIRE >30 DAY LIMIT

 YES

IF YES, Is Extension attached?

 YES NO NOCHANGE INSTALLATION: Installation of change is complete
Documentation must be attached to this form

VALIDATION: The installed change is valid

Installer's Name (please print)
Date

Signature and

CRS Name (please print)

Signature and Date

UNSUCCESSFUL VALIDATION COMMENTS:

* NEVER INSTALLED DUE TO UPSET IN
DFS & SCIENT ALARMS

Function Test Plan

Sheet 1 of 1

ECP #: _____

TITLE: DTS 112

Acceptance Criteria	Description	Notes	EG&G			QA	Govt	Time	Date
			EG	EG	G				
Purpose:	Jump from Test System Phase								
Acceptance Criteria	Verify Phone connection								
1	Intercom function on line 130								
2	Intercom function cleared								
3									
4									
5									
6									
7									
8									
9									
10									

Note: QA/QC verification is only required for ~~S~~All items.



TEMPORARY CHANGE FORM

OPERATIONS

SYSTEM:	CHANGE NO:	REQUESTER:	
DPS	112	Dress 1135 NAME AND PHONE	<i>J. Yee 8/14/00</i> SIGNATURE AND DATE
REMOVAL AUTHORIZATION: Removal of change is authorized			COMMENTS: Initial and date each comment or note
Plant Shift Manager (please print)			Signature and Date
FUNCTION TEST WAIVER: Function Test is not required for removal			
Plant Shift Manager (please print)			Signature and Date
FUNCTION TEST REQUIRED:			
Prepared by (please print)			Signature and Date
CHANGE REMOVAL: Removal of change is complete			
Documentation Complete <input type="checkbox"/> YES <input type="checkbox"/> NO			
Remover's Name (please print)			Signature and Date
CRS VALIDATION: Normal function is restored			
<input type="checkbox"/> Actual Removal <input type="checkbox"/> Admin Removal ECP # _____			
CRS Name (please print)			Signature and Date

AGENT NOTIFICATION REPORT

Agent: GBStation: PAS 701

	Contingency A-Tube	Contingency B-Tube
DAAMS Sequence ID:	A012932	NA
DAAMS Tube ID:	b4933	
Date/Time Analyzed:	0130/0031	
ID Code of Analyst:	A24	
GC Found Amount (ng):	2.2481	0120
GC Found Amount (Z):	2.87 ASC	
GC Detector(s) Used:	FPD / MSD	
Date/Time Reported to Control Room:	0130/0058	
Control Room Individual Notified:	Dave Lee	
Date/Time Aspiration Started:	0129/1940	
Date/Time Aspiration Ended:	0129/2347	

Agent for this Contingency is:

CONFIRMED**NOT CONFIRMED**

(circle one)

The DAAMS contingency samples were sampled in accordance with TE-LOP-522 (or TE-LOP-527 for LSS Air samples). They were analyzed by DAAMS GC-FPD in accordance with TE-LOP-562 and/or by DAAMS GC-MSD/FPD in accordance with TE-LOP-567. Unless otherwise noted, all holding times were met for the contingency samples, all associated QLs and QPs are within established control limits, no adverse sample conditions were observed, and there were no deviations from approved procedures. Chromatograms are available upon request.

Comments: The reported value was corrected to 2.87 ASC. ASgt. Daniel A24 10130

Shift Chemist or Designee

Johnie Rind QOS

Quality Review

5/9/00 - 0206

Management Review

AGENT NOTIFICATION REPORT

Agent: GB Station: PAS 702

	Contingency A-Tube	Contingency B-Tube
DAAMS Sequence ID:	A012933	A0129933
DAAMS Tube ID:	CX805	DP258
Date/Time Analyzed:	0130/0127	0130/0315
ID Code of Analyst:	A42	A24
GC Found Amount (ng):	0.3856 ⁴⁰¹³⁰ 0.4033	0.3557
GC Found Amount (Z):	4.00 ASC	4.01 ASC
GC Detector(s) Used:	FPD / GC 8	FPD / MSD
Date/Time Reported to Control Room:	0130/0359	0130/0359
Control Room Individual Notified:	dave Lee	dave Lee
Date/Time Aspiration Started:	0129/1951	0129/1951
Date/Time Aspiration Ended:	0129/2334	0129/2334

Agent for this Contingency is:

CONFIRMED / NOT CONFIRMED
(circle one)

The DAAMS contingency samples were sampled in accordance with TE-LOP-522 (or TE-LOP-527 for LSS Air samples). They were analyzed by DAAMS GC-FPD in accordance with TE-LOP-562 and/or by DAAMS GC-MSD/FPD in accordance with TE-LOP-567. Unless otherwise noted, all holding times were met for the contingency samples, all associated QLs and QPs are within established control limits, no adverse sample conditions were observed, and there were no deviations from approved procedures. Chromatograms are available upon request.

Comments:

Sig: Parikh A24 10130

Shift Chemist or Designee

Conf. by: Q05 5-9-00/0412

Quality Review

Management Review

AGENT NOTIFICATION REPORT

Agent: GBStation: PAS 701

	Contingency A-Tube	Contingency B-Tube
DAAMS Sequence ID:	1013002	NA
DAAMS Tube ID:	DT 511	
Date/Time Analyzed:	0130/0149	
ID Code of Analyst:	A24	
GC Found Amount (ng):	0.1312	
GC Found Amount (Z):	0.69 ASC	
GC Detector(s) Used:	FPD / MSD	
Date/Time Reported to Control Room:	0130/0230	
Control Room Individual Notified:	Corey	
Date/Time Aspiration Started:	0130/0000	
Date/Time Aspiration Ended:	0130/0032	

Agent for this Contingency is:

CONFIRMED / NOT CONFIRMED

(circle one)

The DAAMS contingency samples were sampled in accordance with TE-LOP-522 (or TE-LOP-527 for LSS Air samples). They were analyzed by DAAMS GC-FPD in accordance with TE-LOP-562 and/or by DAAMS GC-MSD/FPD in accordance with TE-LOP-567. Unless otherwise noted, all holding times were met for the contingency samples, all associated QLs and QPs are within established control limits, no adverse sample conditions were observed, and there were no deviations from approved procedures. Chromatograms are available upon request.

Comments: _____

Sgt. Paulin A24 / 0130

Shift Chemist or Designee



Quality Review

QOS 5-9-00 / 0310

Management Review

AGENT NOTIFICATION REPORT

Agent: GTStation: PAS 702

	Contingency A-Tube	Contingency B-Tube
DAAMS Sequence ID:	1013001	NA
DAAMS Tube ID:	86244	
Date/Time Analyzed:	0130/0223	
ID Code of Analyst:	A24	
GC Found Amount (ng):	0.2326	
GC Found Amount (Z):	0.57 ASC	
GC Detector(s) Used:	FPD / MSD	
Date/Time Reported to Control Room:	0130/0302	
Control Room Individual Notified:	Dave Lee	
Date/Time Aspiration Started:	0130/0000	
Date/Time Aspiration Ended:	0130/0040	

Agent for this Contingency is:

CONFIRMED / NOT CONFIRMED
(circle one)

The DAAMS contingency samples were sampled in accordance with TE-LOP-522 (or TE-LOP-527 for LSS Air samples). They were analyzed by DAAMS GC-FPD in accordance with TE-LOP-562 and/or by DAAMS GC-MSD/FPD in accordance with TE-LOP-567. Unless otherwise noted, all holding times were met for the contingency samples, all associated QLs and QPs are within established control limits, no adverse sample conditions were observed, and there were no deviations from approved procedures. Chromatograms are available upon request.

Comments: _____



Suzanne A24/0130

Shift Chemist or Designee

John Burt

Quality Review

QOS 5-9-00/0312

Management Review

2200 314° From E 1½ MPH
2230 From 240° E 2.46 MPH

Plan

WIND DIRECTIONS

1ST 701 8.14 Z-01 ASC.
1ST 702 RT ASC 4.01
2ND 701 .69 ASC
2ND 702 .57 ASC

MASS SPCE

→ 701 A →

1ST A TUBE M/S
B
C
OR

FPD HIT & MASS SPCE

IONS 3 w/ GB

Room Pressures

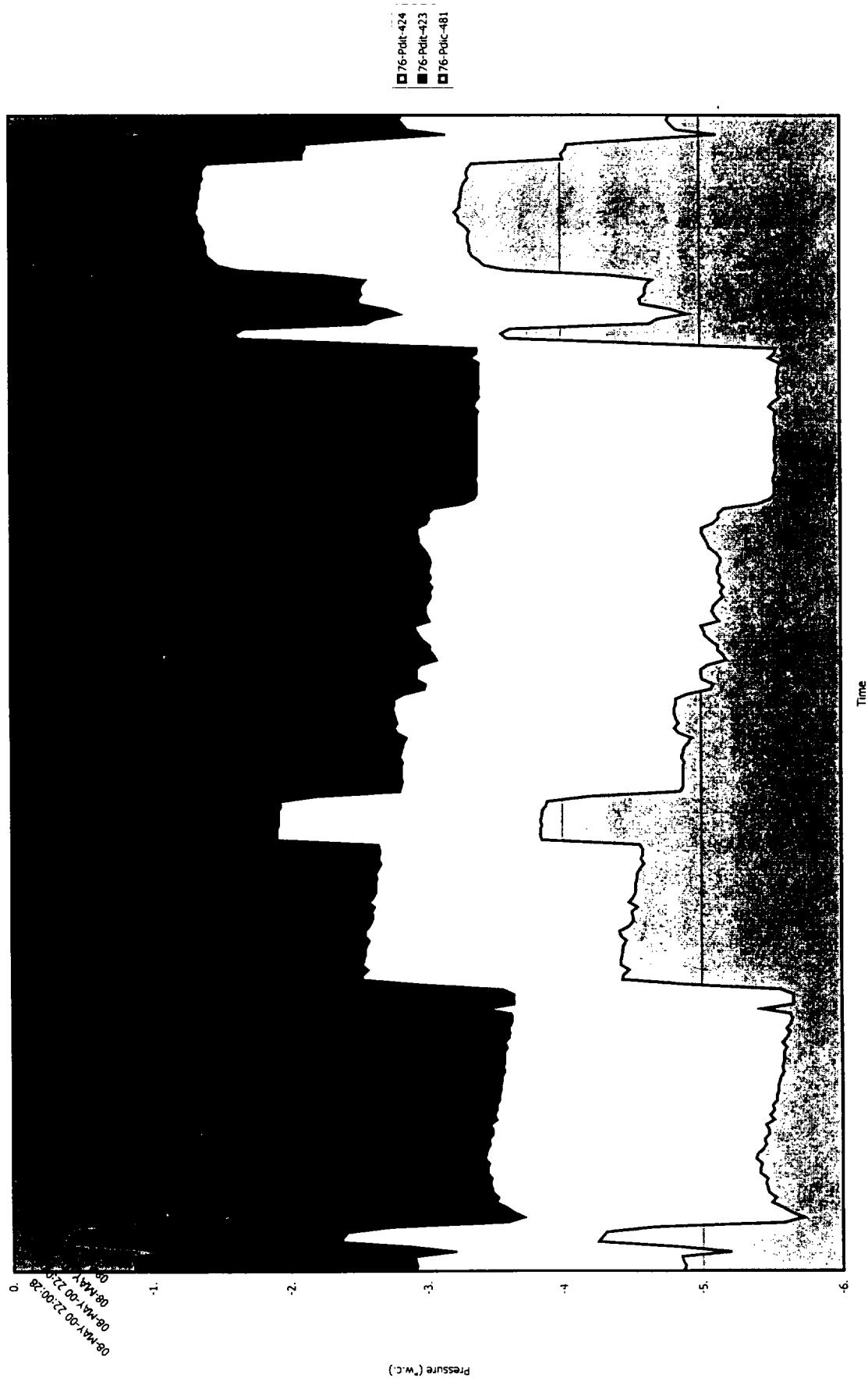
Event Time	76-Pdic-481	76-Pdit-423	76-Pdit-424
08-MAY-00 22:00:28	-0.87	-2.04	-1.95
08-MAY-00 22:00:58	-0.87	-2.05	-1.96
08-MAY-00 22:01:28	-0.86	-2.05	-1.95
08-MAY-00 22:01:58	-0.85	-2.05	-1.95
08-MAY-00 22:02:28	-1.1	-2.1	-2.
08-MAY-00 22:02:58	-0.85	-2.02	-1.93
08-MAY-00 22:03:28	-0.39	-1.97	-1.89
08-MAY-00 22:03:58	-0.4	-1.98	-1.9
08-MAY-00 22:04:28	-0.43	-1.98	-1.9
08-MAY-00 22:04:58	-0.72	-2.01	-1.92
08-MAY-00 22:05:28	-1.48	-2.11	-1.99
08-MAY-00 22:05:58	-1.59	-2.12	-2.
08-MAY-00 22:06:28	-1.51	-2.12	-2.
08-MAY-00 22:06:58	-1.47	-2.11	-1.99
08-MAY-00 22:07:28	-1.39	-2.11	-1.99
08-MAY-00 22:07:58	-1.4	-2.12	-2.
08-MAY-00 22:08:28	-1.37	-2.11	-1.99
08-MAY-00 22:08:58	-1.36	-2.11	-1.99
08-MAY-00 22:09:28	-1.36	-2.1	-1.99
08-MAY-00 22:09:58	-1.36	-2.11	-1.99
08-MAY-00 22:10:28	-1.35	-2.09	-1.97
08-MAY-00 22:10:58	-1.35	-2.09	-1.97
08-MAY-00 22:11:28	-1.36	-2.09	-1.97
08-MAY-00 22:11:58	-1.34	-2.08	-1.96
08-MAY-00 22:12:28	-1.35	-2.08	-1.96
08-MAY-00 22:12:58	-1.33	-2.11	-1.99
08-MAY-00 22:13:28	-1.35	-2.11	-1.99
08-MAY-00 22:13:58	-1.34	-2.11	-1.99
08-MAY-00 22:14:28	-1.37	-2.11	-1.99
08-MAY-00 22:14:58	-1.37	-2.11	-1.99
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08-MAY-00 22:15:59	-1.39	-2.12	-2.
08-MAY-00 22:16:29	-1.38	-2.11	-1.99
08-MAY-00 22:16:59	-1.39	-2.12	-2.
08-MAY-00 22:17:29	-1.39	-2.12	-1.99
08-MAY-00 22:17:59	-1.41	-2.12	-2.
08-MAY-00 22:18:29	-1.41	-2.12	-2.
08-MAY-00 22:18:59	-1.42	-2.12	-2.
08-MAY-00 22:19:30	-1.42	-2.12	-2.
08-MAY-00 22:20:00	-1.43	-2.12	-2.
08-MAY-00 22:20:30	-1.43	-2.12	-2.01
08-MAY-00 22:21:00	-1.44	-2.13	-2.01
08-MAY-00 22:21:30	-1.44	-2.12	-2.01
08-MAY-00 22:22:00	-1.44	-2.13	-2.01
08-MAY-00 22:22:30	-1.44	-2.13	-2.01
08-MAY-00 22:23:00	-1.44	-2.13	-2.01
08-MAY-00 22:23:30	-1.47	-2.12	-2.01
08-MAY-00 22:24:00	-1.46	-2.11	-2.

08-MAY-00 22:24:30	-1.48	-2.12	-2.
08-MAY-00 22:25:00	-1.48	-2.13	-2.01
08-MAY-00 22:25:30	-1.48	-2.12	-2.
08-MAY-00 22:26:00	-1.5	-2.12	-2.01
08-MAY-00 22:26:30	-1.5	-2.13	-2.01
08-MAY-00 22:27:00	-1.49	-2.13	-2.01
08-MAY-00 22:27:30	-1.3	-2.12	-2.
08-MAY-00 22:28:00	-1.51	-2.13	-2.01
08-MAY-00 22:28:30	-1.51	-2.13	-2.01
08-MAY-00 22:29:00	-1.51	-2.13	-2.01
08-MAY-00 22:29:30	-1.45	-2.11	-2.
08-MAY-00 22:30:00	-0.94	-2.02	-1.94
08-MAY-00 22:30:30	-0.56	-1.97	-1.9
08-MAY-00 22:31:00	-0.56	-1.97	-1.91
08-MAY-00 22:31:30	-0.59	-1.98	-1.91
08-MAY-00 22:32:00	-0.58	-1.95	-1.89
08-MAY-00 22:32:30	-0.59	-1.95	-1.88
08-MAY-00 22:33:00	-0.6	-1.95	-1.88
08-MAY-00 22:33:30	-0.6	-1.95	-1.88
08-MAY-00 22:34:00	-0.61	-1.95	-1.88
08-MAY-00 22:34:30	-0.62	-1.96	-1.88
08-MAY-00 22:35:00	-0.61	-1.94	-1.87
08-MAY-00 22:35:30	-0.62	-1.93	-1.86
08-MAY-00 22:36:00	-0.61	-1.97	-1.9
08-MAY-00 22:36:30	-0.62	-1.98	-1.91
08-MAY-00 22:37:00	-0.63	-1.98	-1.9
08-MAY-00 22:37:30	-0.63	-1.97	-1.9
08-MAY-00 22:38:00	-0.63	-1.99	-1.92
08-MAY-00 22:38:30	-0.62	-1.96	-1.9
08-MAY-00 22:39:00	-0.64	-1.97	-1.9
08-MAY-00 22:39:30	-0.64	-1.99	-1.9
08-MAY-00 22:40:00	-0.64	-1.99	-1.9
08-MAY-00 22:40:30	-0.65	-1.98	-1.9
08-MAY-00 22:41:00	-0.66	-1.98	-1.9
08-MAY-00 22:41:30	-0.65	-1.98	-1.91
08-MAY-00 22:42:00	-0.66	-1.99	-1.91
08-MAY-00 22:42:30	-0.66	-2.01	-1.92
08-MAY-00 22:43:00	-0.64	-2.01	-1.92
08-MAY-00 22:43:30	-0.65	-2.01	-1.92
08-MAY-00 22:44:00	-0.66	-2.	-1.92
08-MAY-00 22:44:30	-0.65	-2.	-1.91
08-MAY-00 22:45:00	-0.66	-1.25	-1.94
08-MAY-00 22:45:30	-0.67	-1.24	-1.93
08-MAY-00 22:46:00	-0.67	-1.24	-1.93
08-MAY-00 22:46:31	-0.68	-1.24	-1.93
08-MAY-00 22:47:01	-0.68	-1.24	-1.92
08-MAY-00 22:47:31	-0.68	-1.24	-1.93
08-MAY-00 22:48:01	-0.68	-1.24	-1.93
08-MAY-00 22:48:31	-0.69	-1.25	-1.94

08-MAY-00 22:49:01	-0.67	-1.26	-1.96
08-MAY-00 22:49:31	-0.91	-1.28	-2.01
08-MAY-00 22:50:01	-1.5	-1.31	-2.04
08-MAY-00 22:50:31	-1.51	-1.31	-2.05
08-MAY-00 22:51:01	-1.52	-1.31	-2.04
08-MAY-00 22:51:31	-1.51	-1.31	-2.05
08-MAY-00 22:52:01	-1.5	-1.32	-2.05
08-MAY-00 22:52:31	-1.51	-1.31	-2.05
08-MAY-00 22:53:01	-1.52	-1.31	-2.05
08-MAY-00 22:53:31	-1.5	-1.31	-2.05
08-MAY-00 22:54:01	-1.51	-1.31	-2.05
08-MAY-00 22:54:31	-1.52	-1.31	-2.05
08-MAY-00 22:55:01	-1.51	-1.33	-2.07
08-MAY-00 22:55:31	-1.53	-1.33	-2.07
08-MAY-00 22:56:01	-1.47	-1.32	-2.05
08-MAY-00 22:56:31	-1.47	-1.3	-2.04
08-MAY-00 22:57:01	-1.48	-1.31	-2.05
08-MAY-00 22:57:31	-1.48	-1.3	-2.04
08-MAY-00 22:58:01	-1.47	-1.3	-2.04
08-MAY-00 22:58:31	-1.46	-1.3	-2.05
08-MAY-00 22:59:01	-1.46	-1.31	-2.05
08-MAY-00 22:59:31	-1.46	-1.31	-2.05
08-MAY-00 23:00:01	-1.53	-1.31	-2.06
08-MAY-00 23:00:31	-1.67	-1.32	-2.08
08-MAY-00 23:01:01	-1.67	-1.33	-2.09
08-MAY-00 23:01:31	-1.61	-1.32	-2.08
08-MAY-00 23:02:01	-1.6	-1.33	-2.07
08-MAY-00 23:02:31	-1.6	-1.33	-2.07
08-MAY-00 23:03:01	-1.63	-1.33	-2.09
08-MAY-00 23:03:31	-1.73	-1.35	-2.1
08-MAY-00 23:04:01	-1.71	-1.35	-2.1
08-MAY-00 23:04:31	-1.69	-1.34	-2.09
08-MAY-00 23:05:01	-1.69	-1.34	-2.09
08-MAY-00 23:05:32	-1.64	-1.34	-2.09
08-MAY-00 23:06:02	-1.62	-1.33	-2.08
08-MAY-00 23:06:32	-1.6	-1.33	-2.09
08-MAY-00 23:07:02	-1.59	-1.33	-2.08
08-MAY-00 23:07:32	-1.68	-1.35	-2.1
08-MAY-00 23:08:02	-1.68	-1.33	-2.09
08-MAY-00 23:08:32	-1.67	-1.33	-2.08
08-MAY-00 23:09:02	-1.67	-1.33	-2.09
08-MAY-00 23:09:32	-1.68	-1.34	-2.1
08-MAY-00 23:10:02	-1.68	-1.36	-2.12
08-MAY-00 23:10:32	-1.68	-1.35	-2.11
08-MAY-00 23:11:02	-1.7	-1.35	-2.11
08-MAY-00 23:11:32	-1.67	-1.35	-2.11
08-MAY-00 23:12:02	-1.69	-1.35	-2.1
08-MAY-00 23:12:32	-1.68	-1.34	-2.1
08-MAY-00 23:13:02	-1.69	-1.34	-2.09

08-MAY-00 23:13:32	-1.69	-1.35	-2.1
08-MAY-00 23:14:02	-1.68	-1.35	-2.11
08-MAY-00 23:14:32	-1.67	-1.34	-2.1
08-MAY-00 23:15:02	-1.65	-1.33	-2.08
08-MAY-00 23:15:32	-1.61	-1.34	-2.1
08-MAY-00 23:16:02	-1.62	-1.33	-2.08
08-MAY-00 23:16:32	-1.63	-1.31	-2.07
08-MAY-00 23:17:02	-1.62	-1.32	-2.07
08-MAY-00 23:17:32	-1.69	-1.32	-2.08
08-MAY-00 23:18:02	-1.69	-1.34	-2.1
08-MAY-00 23:18:32	-1.67	-1.35	-2.11
08-MAY-00 23:19:02	-1.71	-1.35	-2.11
08-MAY-00 23:19:32	-1.92	-1.36	-2.13
08-MAY-00 23:20:02	-2.	-1.36	-2.14
08-MAY-00 23:20:32	-2.	-1.38	-2.15
08-MAY-00 23:21:02	-2.	-1.38	-2.15
08-MAY-00 23:21:32	-2.	-1.38	-2.15
08-MAY-00 23:22:02	-2.	-1.37	-2.15
08-MAY-00 23:22:32	-2.	-1.38	-2.15
08-MAY-00 23:23:02	-2.	-1.38	-2.16
08-MAY-00 23:23:32	-2.	-1.38	-2.16
08-MAY-00 23:24:02	-2.	-1.38	-2.15
08-MAY-00 23:24:32	-2.	-1.38	-2.16
08-MAY-00 23:25:02	-2.	-1.38	-2.15
08-MAY-00 23:25:32	-2.	-1.38	-2.15
08-MAY-00 23:26:02	-2.	-1.38	-2.15
08-MAY-00 23:26:32	-2.	-1.38	-2.16
08-MAY-00 23:27:02	-2.	-1.38	-2.16
08-MAY-00 23:27:32	-2.	-1.38	-2.16
08-MAY-00 23:28:02	-2.	-1.38	-2.15
08-MAY-00 23:28:32	-2.	-1.38	-2.15
08-MAY-00 23:29:02	-2.	-1.39	-2.15
08-MAY-00 23:29:32	-2.	-1.36	-2.13
08-MAY-00 23:30:02	-2.	-1.37	-2.15
08-MAY-00 23:30:32	-2.	-1.4	-2.17
08-MAY-00 23:31:02	-2.	-1.39	-2.16
08-MAY-00 23:31:32	-2.	-1.4	-2.16
08-MAY-00 23:32:02	-2.	-1.39	-2.16
08-MAY-00 23:32:32	-2.	-1.39	-2.16
08-MAY-00 23:33:02	-2.	-1.39	-2.17
08-MAY-00 23:33:32	-2.	-1.39	-2.17
08-MAY-00 23:34:02	-2.	-1.4	-2.17
08-MAY-00 23:34:32	-1.94	-1.39	-2.16
08-MAY-00 23:35:02	-2.	-1.38	-2.15
08-MAY-00 23:35:32	-2.	-1.38	-2.16
08-MAY-00 23:36:02	-1.19	-1.33	-2.05
08-MAY-00 23:36:32	-0.36	-1.28	-1.96
08-MAY-00 23:37:02	-0.36	-1.26	-1.94
08-MAY-00 23:37:32	-0.41	-1.27	-1.95

08-MAY-00 23:38:02	-1.23	-1.34	-2.07
08-MAY-00 23:38:32	-1.31	-1.33	-2.06
08-MAY-00 23:39:02	-1.49	-1.33	-2.09
08-MAY-00 23:39:32	-1.4	-1.33	-2.06
08-MAY-00 23:40:02	-1.21	-1.32	-2.05
08-MAY-00 23:40:32	-1.18	-1.33	-2.06
08-MAY-00 23:41:02	-1.19	-1.35	-2.07
08-MAY-00 23:41:32	-1.18	-1.35	-2.08
08-MAY-00 23:42:02	-1.18	-1.36	-2.08
08-MAY-00 23:42:32	-1.21	-1.36	-2.09
08-MAY-00 23:43:02	-0.91	-1.36	-2.07
08-MAY-00 23:43:32	-0.36	-1.29	-1.96
08-MAY-00 23:44:02	-0.23	-1.27	-1.94
08-MAY-00 23:44:32	-0.19	-1.27	-1.94
08-MAY-00 23:45:02	-0.16	-1.26	-1.93
08-MAY-00 23:45:32	-0.15	-1.26	-1.92
08-MAY-00 23:46:02	-0.15	-1.26	-1.92
08-MAY-00 23:46:32	-0.14	-1.26	-1.92
08-MAY-00 23:47:02	-0.13	-1.26	-1.93
08-MAY-00 23:47:32	-0.13	-1.27	-1.93
08-MAY-00 23:48:02	-0.13	-1.25	-1.92
08-MAY-00 23:48:32	-0.12	-1.23	-1.9
08-MAY-00 23:49:02	-0.12	-1.23	-1.9
08-MAY-00 23:49:32	-0.11	-1.22	-1.89
08-MAY-00 23:50:02	-0.11	-1.24	-1.91
08-MAY-00 23:50:32	-0.11	-1.24	-1.91
08-MAY-00 23:51:02	-0.12	-1.24	-1.91
08-MAY-00 23:51:32	-0.12	-1.24	-1.91
08-MAY-00 23:52:02	-0.12	-1.25	-1.91
08-MAY-00 23:52:32	-0.12	-1.25	-1.92
08-MAY-00 23:53:02	-0.12	-1.27	-1.93
08-MAY-00 23:53:33	-0.12	-1.26	-1.93
08-MAY-00 23:54:03	-0.12	-1.27	-1.93
08-MAY-00 23:54:33	-0.12	-1.3	-1.93
08-MAY-00 23:55:03	-0.12	-1.99	-1.91
08-MAY-00 23:55:33	-0.13	-1.98	-1.9
08-MAY-00 23:56:03	-0.13	-2.	-1.91
08-MAY-00 23:56:33	-0.13	-2.	-1.92
08-MAY-00 23:57:03	-0.58	-2.03	-1.94
08-MAY-00 23:57:33	-1.11	-2.05	-1.96
08-MAY-00 23:58:03	-0.84	-2.04	-1.96
08-MAY-00 23:58:33	-0.81	-2.04	-1.95
08-MAY-00 23:59:03	-0.79	-2.03	-1.95
08-MAY-00 23:59:33	-0.8	-2.04	-1.95



Event Time	Kiln press controller	After burner press	Venturi press control	Bleed air Indicator	Clean liquid pump press	Brine pump press	Dry stacks Flow	KOTZ meter
	16-Pic-018	16-Pit-065	24-Pdic-008	24-Xy-752	24-Pit-036	24-Pit-011	24-Fit-9913	24-Fit-430
08-MAY-00 22:00:28	-1.6	-5.34	38.9	0	42	87	35.88	36.24
^8-MAY-00 22:00:58	-1.77	-5.57	38.7	0	42	87	35.9	37.06
08-MAY-00 22:01:28	-1.84	-5.74	38.7	0	42	87	35.88	37.25
08-MAY-00 22:01:58	-1.95	-6.	38.8	0	42	87	35.85	41.09
08-MAY-00 22:02:28	-2.	-6.	34.7	0	42	87	35.78	0.02
08-MAY-00 22:02:58	-0.93	-2.02	34.1	0	42	88	35.79	0.02
08-MAY-00 22:03:28	-0.1	-0.58	34.	0	42	88	35.88	0.02
08-MAY-00 22:03:58	-0.04	-0.64	34.7	0	43	88	36.47	0.02
08-MAY-00 22:04:28	-0.07	-0.97	35.6	0	43	88	36.75	0.02
08-MAY-00 22:04:58	-0.24	-3.27	35.6	0	43	88	36.97	0.02
08-MAY-00 22:05:28	-1.46	-6.	35.	0	42	88	37.07	0.02
08-MAY-00 22:05:58	-1.62	-6.	35.9	0	42	88	37.2	0.02
08-MAY-00 22:06:28	-1.58	-6.	36.1	0	42	88	37.11	0.02
08-MAY-00 22:06:58	-1.68	-6.	36.4	0	42	88	37.49	0.02
08-MAY-00 22:07:28	-1.75	-6.	36.7	0	42	87	35.99	0.02
08-MAY-00 22:07:58	-1.74	-6.	36.6	0	42	88	37.2	0.02
08-MAY-00 22:08:28	-1.76	-6.	36.8	0	43	88	35.62	0.02
08-MAY-00 22:08:58	-1.78	-6.	36.8	0	43	88	35.44	0.02
08-MAY-00 22:09:28	-1.77	-6.	36.9	0	43	88	37.03	0.02
08-MAY-00 22:09:58	-1.77	-6.	37.	0	43	88	36.94	50.
08-MAY-00 22:10:28	-1.81	-6.	37.2	0	43	88	36.06	50.
08-MAY-00 22:10:58	-1.75	-6.	37.2	0	43	87	36.35	48.62
08-MAY-00 22:11:28	-1.89	-6.	37.2	0	43	87	36.38	46.51
08-MAY-00 22:11:58	-1.81	-6.	37.1	0	42	87	36.42	50.
^8-MAY-00 22:12:28	-1.89	-6.	37.2	0	42	87	36.47	50.
^9-MAY-00 22:12:58	-1.79	-6.	37.4	0	43	87	36.59	0.02
08-MAY-00 22:13:28	-1.91	-6.	37.4	0	43	87	36.64	0.02
08-MAY-00 22:13:58	-1.88	-6.	37.2	0	43	88	36.67	0.02
08-MAY-00 22:14:28	-1.98	-6.	37.2	0	43	87	36.78	0.02
08-MAY-00 22:14:58	-1.96	-6.	37.3	0	43	88	36.86	0.02
08-MAY-00 22:15:28	-1.88	-6.	37.1	0	42	88	36.95	0.02
08-MAY-00 22:15:59	-1.94	-6.	37.2	0	42	88	37.57	0.02
08-MAY-00 22:16:29	-1.93	-6.	37.3	0	42	88	37.67	0.02
08-MAY-00 22:16:59	-1.98	-6.	37.1	0	43	88	38.08	0.02
08-MAY-00 22:17:29	-1.84	-6.	37.2	0	43	88	37.9	0.02
08-MAY-00 22:17:59	-2.	-6.	37.2	0	43	88	37.45	0.02
08-MAY-00 22:18:29	-1.85	-6.	37.4	0	43	88	37.55	0.02
08-MAY-00 22:18:59	-2.	-6.	37.3	0	43	88	37.41	0.02
08-MAY-00 22:19:30	-1.97	-6.	37.5	0	42	88	37.36	0.02
08-MAY-00 22:20:00	-2.	-6.	37.6	0	42	88	37.33	0.02
08-MAY-00 22:20:30	-2.	-6.	37.6	0	43	88	37.41	0.02
08-MAY-00 22:21:00	-2.	-6.	37.4	0	42	88	37.36	0.02
08-MAY-00 22:21:30	-2.	-6.	37.3	0	42	88	37.33	0.02
08-MAY-00 22:22:00	-1.98	-6.	37.6	0	42	88	37.33	0.02
08-MAY-00 22:22:30	-2.	-6.	37.6	0	42	88	37.33	0.02
08-MAY-00 22:23:00	-1.98	-6.	37.7	0	42	88	37.29	0.02
08-MAY-00 22:23:30	-1.93	-6.	38.	0	42	87	37.2	0.02
^8-MAY-00 22:24:00	-1.87	-6.	38.	0	42	87	37.2	0.02
^9-MAY-00 22:24:30	-1.98	-6.	38.1	0	42	88	37.25	0.02
08-MAY-00 22:25:00	-2.	-6.	37.9	0	42	88	37.27	0.02
08-MAY-00 22:25:30	-2.	-6.	37.8	0	42	87	37.2	0.02

08-MAY-00 22:26:00	-1.99	-6.	38.3	0	42	88	37.07	50.
08-MAY-00 22:26:30	-2.	-6.	38.6	0	42	88	36.66	50.
08-MAY-00 22:27:00	-1.97	-6.	40.8	0	42	87	36.22	0.02
08-MAY-00 22:27:30	-1.86	-6.	39.4	0	43	88	34.89	0.02
08-MAY-00 22:28:00	-2.	-6.	38.8	0	42	88	35.06	41.06
08-MAY-00 22:28:30	-1.96	-6.	38.2	0	42	88	35.9	50.
08-MAY-00 22:29:00	-2.	-6.	38.	0	42	88	35.65	50.
08-MAY-00 22:29:30	-1.54	-6.	39.3	0	42	88	35.85	0.02
08-MAY-00 22:30:00	-0.58	-3.14	39.6	0	42	88	38.52	0.02
08-MAY-00 22:30:30	-0.2	-1.43	39.9	0	43	88	37.55	50.
08-MAY-00 22:31:00	-0.3	-1.69	41.6	0	42	88	37.67	50.
08-MAY-00 22:31:30	-0.32	-1.91	42.1	0	42	88	38.11	0.02
08-MAY-00 22:32:00	-0.21	-1.82	41.5	0	42	88	37.45	0.02
08-MAY-00 22:32:30	-0.35	-1.9	42.	0	42	88	37.55	0.02
08-MAY-00 22:33:00	-0.31	-1.78	41.8	0	42	88	37.61	50.
08-MAY-00 22:33:30	-0.31	-2.01	42.2	0	42	88	37.89	45.59
08-MAY-00 22:34:00	-0.34	-1.86	42.1	0	42	88	38.11	45.9
08-MAY-00 22:34:30	-0.34	-1.93	42.4	0	42	88	38.23	40.94
08-MAY-00 22:35:00	-0.31	-1.99	42.3	0	42	88	38.39	40.31
08-MAY-00 22:35:30	-0.35	-1.89	42.2	0	42	88	38.68	41.16
08-MAY-00 22:36:00	-0.35	-2.01	42.4	0	42	88	40.21	40.55
08-MAY-00 22:36:30	-0.35	-2.02	42.5	0	42	88	40.28	38.97
08-MAY-00 22:37:00	-0.37	-2.01	42.6	0	42	88	40.5	43.33
08-MAY-00 22:37:30	-0.35	-2.13	42.7	0	42	88	39.97	47.2
08-MAY-00 22:38:00	-0.39	-2.21	42.6	0	42	88	41.04	42.38
08-MAY-00 22:38:30	-0.39	-2.02	42.7	0	42	88	38.74	46.76
08-MAY-00 22:39:00	-0.39	-2.14	42.7	0	42	88	37.61	49.65
08-MAY-00 22:39:30	-0.38	-2.09	42.7	0	42	88	38.9	50.
08-MAY-00 22:40:00	-0.32	-2.24	42.7	0	42	88	38.84	50.
08-MAY-00 22:40:30	-0.43	-2.33	42.7	0	42	88	38.9	50.
08-MAY-00 22:41:00	-0.46	-2.19	42.9	0	42	88	38.8	0.02
08-MAY-00 22:41:30	-0.4	-2.31	42.7	0	42	88	38.84	0.02
08-MAY-00 22:42:00	-0.43	-2.18	42.5	0	42	88	38.92	0.02
08-MAY-00 22:42:30	-0.4	-2.39	42.9	0	42	88	38.92	0.02
08-MAY-00 22:43:00	-0.36	-2.32	43.1	0	41	88	38.97	0.02
08-MAY-00 22:43:30	-0.38	-2.39	42.8	0	42	88	39.06	0.02
08-MAY-00 22:44:00	-0.39	-2.37	42.9	0	42	88	39.19	0.02
08-MAY-00 22:44:30	-0.39	-2.39	42.8	0	42	88	39.15	0.02
08-MAY-00 22:45:00	-0.41	-2.4	43.4	0	42	88	38.89	0.02
08-MAY-00 22:45:30	-0.42	-2.17	43.5	0	42	88	38.86	0.02
08-MAY-00 22:46:00	-0.43	-2.33	43.7	0	42	88	38.78	0.02
08-MAY-00 22:46:31	-0.45	-2.5	43.9	0	42	88	38.68	0.02
08-MAY-00 22:47:01	-0.44	-2.35	43.9	0	43	88	38.65	0.02
08-MAY-00 22:47:31	-0.5	-2.32	43.6	0	43	88	38.65	0.02
08-MAY-00 22:48:01	-0.45	-2.49	43.8	0	43	88	38.68	0.02
08-MAY-00 22:48:31	-0.45	-2.57	44.2	0	43	88	38.78	0.02
08-MAY-00 22:49:01	-0.65	-2.91	43.9	0	43	88	38.9	0.02
08-MAY-00 22:49:31	-1.77	-6.	41.9	0	43	88	38.93	0.02
08-MAY-00 22:50:01	-2.	-6.	42.6	0	43	88	38.89	0.02
08-MAY-00 22:50:31	-2.	-6.	42.5	0	43	88	38.73	0.02
08-MAY-00 22:51:01	-2.	-6.	42.8	0	43	88	38.73	0.02
08-MAY-00 22:51:31	-2.	-6.	42.6	0	43	88	38.42	0.02

08-MAY-00 22:52:01	-2.	-6.	43.	0	43	88	38.27	0.02
08-MAY-00 22:52:31	-2.	-6.	43.	0	43	87	38.23	0.02
08-MAY-00 22:53:01	-2.	-6.	42.8	0	43	88	38.14	0.02
08-MAY-00 22:53:31	-2.	-6.	42.8	0	43	87	38.11	0.02
08-MAY-00 22:54:01	-2.	-6.	42.7	0	43	87	37.95	0.02
08-MAY-00 22:54:31	-2.	-6.	43.	0	44	88	37.95	0.02
08-MAY-00 22:55:01	-2.	-6.	42.9	0	44	88	37.19	0.02
08-MAY-00 22:55:31	-2.	-6.	42.9	0	44	87	37.3	0.02
08-MAY-00 22:56:01	-2.	-6.	42.9	0	44	88	37.52	0.02
08-MAY-00 22:56:31	-2.	-6.	43.1	0	44	88	37.22	0.02
08-MAY-00 22:57:01	-2.	-6.	42.8	0	44	88	37.29	0.02
08-MAY-00 22:57:31	-2.	-6.	43.1	0	44	88	38.64	0.02
08-MAY-00 22:58:01	-2.	-6.	42.7	0	44	88	38.64	0.02
08-MAY-00 22:58:31	-2.	-6.	42.4	0	44	88	38.78	50.
08-MAY-00 22:59:01	-2.	-6.	41.8	0	44	88	38.71	50.
08-MAY-00 22:59:31	-2.	-6.	42.5	0	44	88	38.61	48.83
08-MAY-00 23:00:01	-2.	-6.	41.4	0	44	88	38.39	41.17
08-MAY-00 23:00:31	-2.	-6.	41.8	0	44	88	38.33	36.19
08-MAY-00 23:01:01	-2.	-6.	41.	0	44	88	38.02	34.1
08-MAY-00 23:01:31	-2.	-6.	39.5	0	44	88	38.02	40.11
08-MAY-00 23:02:01	-2.	-6.	40.	0	44	88	37.67	0.02
08-MAY-00 23:02:31	-2.	-6.	39.8	0	44	88	37.6	0.02
08-MAY-00 23:03:01	-2.	-6.	40.3	0	44	88	37.45	0.02
08-MAY-00 23:03:31	-2.	-6.	41.7	0	44	88	36.03	0.02
08-MAY-00 23:04:01	-2.	-6.	39.6	0	44	88	36.31	43.05
08-MAY-00 23:04:31	-2.	-6.	39.5	0	44	88	36.82	0.02
08-MAY-00 23:05:01	-2.	-6.	39.7	0	44	88	36.82	0.02
08-MAY-00 23:05:32	-2.	-6.	39.7	0	44	88	38.11	0.02
08-MAY-00 23:06:02	-2.	-6.	39.4	0	44	88	38.05	0.02
08-MAY-00 23:06:32	-2.	-6.	38.9	0	44	88	37.52	0.02
08-MAY-00 23:07:02	-2.	-6.	39.	0	44	88	36.89	0.02
08-MAY-00 23:07:32	-2.	-6.	38.9	0	44	88	37.07	0.02
08-MAY-00 23:08:02	-2.	-6.	38.8	0	44	88	37.47	0.02
08-MAY-00 23:08:32	-2.	-6.	39.1	0	44	88	37.45	0.02
08-MAY-00 23:09:02	-2.	-6.	38.9	0	43	87	37.52	0.02
08-MAY-00 23:09:32	-2.	-6.	39.2	0	44	87	37.57	0.02
08-MAY-00 23:10:02	-2.	-6.	39.1	0	44	87	37.6	0.02
08-MAY-00 23:10:32	-2.	-6.	39.1	0	44	87	37.61	0.02
08-MAY-00 23:11:02	-2.	-6.	39.1	0	44	87	37.61	0.02
08-MAY-00 23:11:32	-2.	-6.	38.9	0	43	87	37.68	0.02
08-MAY-00 23:12:02	-2.	-6.	39.1	0	43	87	37.68	0.02
08-MAY-00 23:12:32	-2.	-6.	38.9	0	43	87	37.83	0.02
08-MAY-00 23:13:02	-2.	-6.	39.1	0	43	87	37.9	0.02
08-MAY-00 23:13:32	-2.	-6.	39.1	0	43	87	37.9	0.02
08-MAY-00 23:14:02	-2.	-6.	39.1	0	43	87	37.68	0.02
08-MAY-00 23:14:32	-2.	-6.	39.2	0	43	87	37.64	0.02
08-MAY-00 23:15:02	-2.	-6.	39.2	0	43	87	37.61	0.02
08-MAY-00 23:15:32	-2.	-6.	39.1	0	43	87	37.61	0.02
08-MAY-00 23:16:02	-2.	-6.	39.1	0	43	88	37.68	0.02
08-MAY-00 23:16:32	-2.	-6.	38.9	0	43	88	37.71	0.02
08-MAY-00 23:17:02	-2.	-6.	38.9	0	43	88	37.68	0.04
08-MAY-00 23:17:32	-2.	-6.	38.7	0	43	88	37.52	0.04

08-MAY-00 23:18:02	-2.	-6.	38.8	0	43	88	37.45	0.04
08-MAY-00 23:18:32	-2.	-6.	38.8	0	43	88	37.3	0.04
08-MAY-00 23:19:02	-2.	-6.	41.1	0	13	87	37.3	0.04
08-MAY-00 23:19:32	-2.	-6.	48.7	0	9	87	37.26	0.04
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08-MAY-00 23:20:32	-2.	-6.	50.	0	7	87	37.52	43.86
08-MAY-00 23:21:02	-2.	-6.	50.	0	6	87	37.68	36.7
08-MAY-00 23:21:32	-2.	-6.	50.	0	5	87	37.85	35.9
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08-MAY-00 23:22:32	-2.	-6.	50.	0	5	87	38.11	35.58
08-MAY-00 23:23:02	-2.	-6.	50.	0	4	87	38.33	36.24
08-MAY-00 23:23:32	-2.	-6.	50.	0	4	87	38.48	35.98
08-MAY-00 23:24:02	-2.	-6.	50.	0	3	87	38.65	35.58
08-MAY-00 23:24:32	-2.	-6.	50.	0	3	87	38.93	35.64
08-MAY-00 23:25:02	-2.	-6.	50.	0	4	87	40.16	36.68
08-MAY-00 23:25:32	-2.	-6.	50.	0	4	87	40.37	35.4
08-MAY-00 23:26:02	-2.	-6.	50.	0	4	87	40.37	35.7
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08-MAY-00 23:27:02	-2.	-6.	50.	0	4	87	41.01	35.64
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08-MAY-00 23:29:02	-2.	-6.	50.	0	4	87	40.31	35.78
08-MAY-00 23:29:32	-2.	-6.	50.	0	4	87	40.31	35.4
08-MAY-00 23:30:02	-2.	-6.	50.	0	3	87	40.21	35.46
08-MAY-00 23:30:32	-2.	-6.	50.	0	3	87	40.21	35.37
08-MAY-00 23:31:02	-2.	-6.	50.	0	3	87	40.16	35.32
08-MAY-00 23:31:32	-2.	-6.	50.	0	3	87	40.13	35.49
08-MAY-00 23:32:02	-2.	-6.	50.	0	3	87	40.13	35.31
08-MAY-00 23:32:32	-2.	-6.	50.	0	3	87	40.16	35.37
08-MAY-00 23:33:02	-2.	-6.	50.	0	3	87	40.16	36.52
08-MAY-00 23:33:32	-2.	-6.	50.	0	3	87	40.28	35.36
08-MAY-00 23:34:02	-2.	-6.	50.	0	3	87	40.28	35.59
08-MAY-00 23:34:32	-2.	-6.	50.	0	3	87	40.4	35.47
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08-MAY-00 23:35:32	-2.	-6.	50.	0	3	87	40.37	35.26
08-MAY-00 23:36:02	-2.	-2.3	29.4	0	4	88	40.28	28.66
08-MAY-00 23:36:32	-1.29	-1.79	28.3	0	5	88	40.28	27.09
08-MAY-00 23:37:02	-0.29	-0.93	26.	0	4	88	39.62	25.82
08-MAY-00 23:37:32	-0.53	-2.76	31.7	0	4	88	39.4	28.4
08-MAY-00 23:38:02	-2.	-6.	29.5	0	4	88	39.63	27.59
08-MAY-00 23:38:32	-2.	-6.	25.9	0	4	88	39.75	25.45
08-MAY-00 23:39:02	-2.	-6.	40.7	0	4	87	37.8	31.93
08-MAY-00 23:39:32	-2.	-6.	27.	0	4	88	39.52	26.29
08-MAY-00 23:40:02	-1.98	-6.	23.9	0	4	88	39.5	24.38
08-MAY-00 23:40:32	-2.	-6.	23.6	0	4	88	36.15	24.11
08-MAY-00 23:41:02	-1.98	-6.	23.6	0	4	88	37.99	24.18
08-MAY-00 23:41:32	-2.	-6.	23.8	0	4	88	37.86	24.32
08-MAY-00 23:42:02	-1.94	-6.	23.9	0	4	88	38.92	24.2
08-MAY-00 23:42:32	-2.	-6.	24.1	0	4	88	36.19	23.98
08-MAY-00 23:43:02	-2.	-4.61	8.7	0	5	88	36.86	15.6
08-MAY-00 23:43:32	-0.73	-1.29	2.6	0	5	89	36.86	8.01

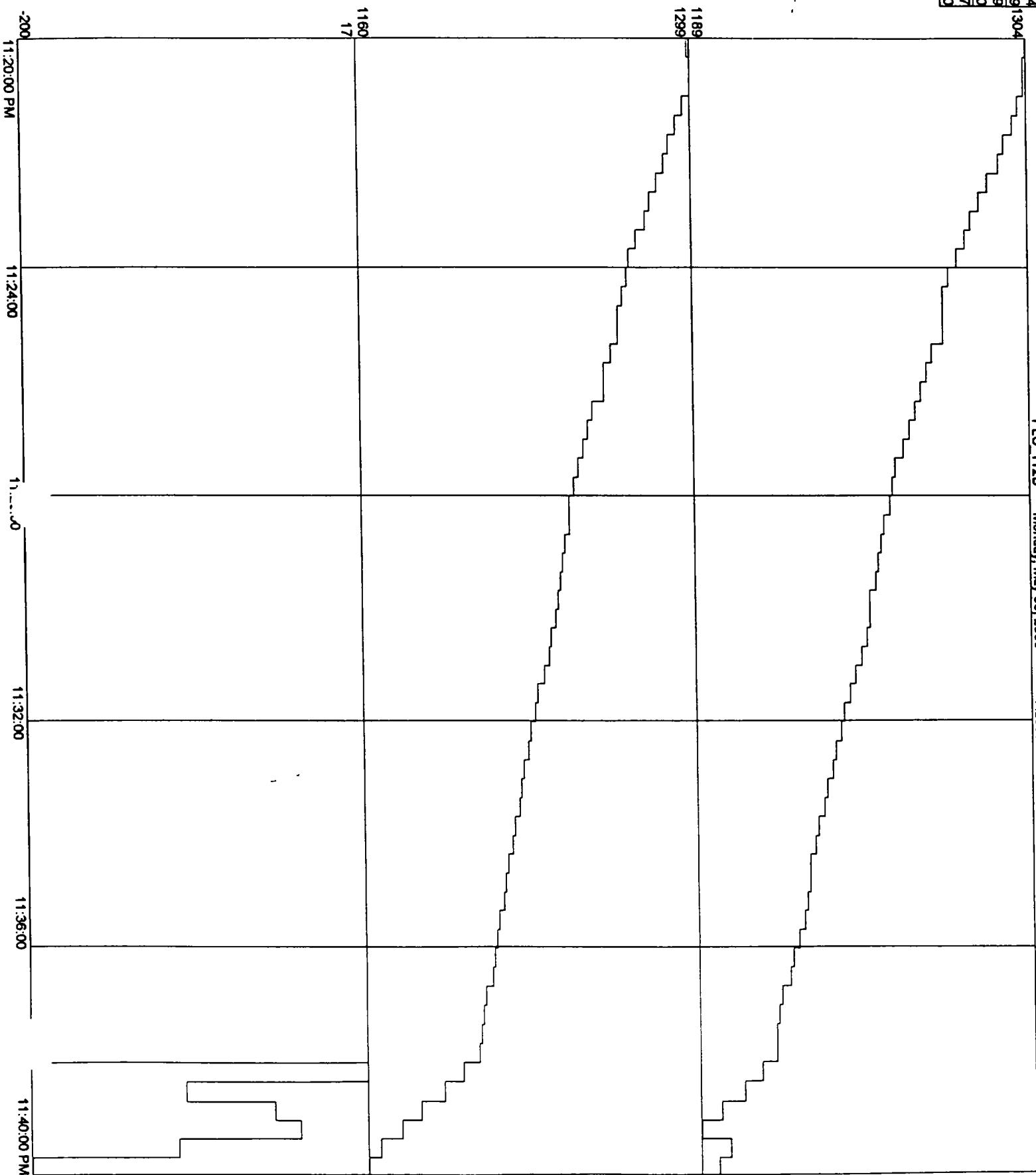
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08-MAY-00 23:45:02	-0.13	-0.39	1.	0	5	90	35.12	2.53
08-MAY-00 23:45:32	-0.1	-0.33	0.9	0	5	89	34.46	2.19
08-MAY-00 23:46:02	-0.05	-0.28	0.9	0	5	89	33.36	2.23
08-MAY-00 23:46:32	-0.04	-0.28	0.9	0	5	89	29.63	1.73
08-MAY-00 23:47:02	-0.03	-0.23	0.9	0	5	89	29.63	1.55
08-MAY-00 23:47:32	-0.01	-0.2	0.9	0	5	89	12.57	1.36
08-MAY-00 23:48:02	0.	-0.19	1.	0	5	89	12.75	1.17
08-MAY-00 23:48:32	0.	-0.16	1.	0	5	89	9.49	0.92
08-MAY-00 23:49:02	0.02	-0.15	1.1	0	5	89	13.39	0.68
08-MAY-00 23:49:32	0.03	-0.15	1.1	0	5	89	14.05	0.61
08-MAY-00 23:50:02	0.03	-0.17	1.	0	5	89	12.76	0.63
08-MAY-00 23:50:32	0.03	-0.15	0.4	0	5	89	12.76	0.67
08-MAY-00 23:51:02	0.02	-0.19	2.1	0	5	89	17.	0.61
08-MAY-00 23:51:32	0.02	-0.17	9.3	0	5	90	18.84	0.55
08-MAY-00 23:52:02	0.03	-0.17	16.2	0	5	90	21.26	0.68
08-MAY-00 23:52:32	0.02	-0.15	21.8	0	5	90	21.22	0.67
08-MAY-00 23:53:02	0.03	-0.18	26.8	0	5	90	18.21	0.57
08-MAY-00 23:53:33	0.03	-0.16	31.	0	5	90	17.27	0.57
08-MAY-00 23:54:03	0.03	-0.17	34.7	0	5	90	17.11	0.57
08-MAY-00 23:54:33	0.03	-0.17	38.1	0	5	90	17.11	0.73
08-MAY-00 23:55:03	0.02	-0.16	38.3	0	5	90	17.32	0.68
08-MAY-00 23:55:33	0.03	-0.16	36.	0	5	90	16.23	0.68
08-MAY-00 23:56:03	0.03	-0.15	33.5	0	5	90	16.29	0.7
08-MAY-00 23:56:33	0.03	-0.15	31.6	0	5	90	16.37	0.79
08-MAY-00 23:57:03	0.06	-1.14	29.1	0	5	90	16.21	0.7
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08-MAY-00 23:58:03	0.04	-0.81	27.7	0	5	90	16.04	0.79
08-MAY-00 23:58:33	0.04	-0.77	27.3	0	5	89	16.12	0.66
08-MAY-00 23:59:03	0.05	-0.73	27.1	0	5	89	16.03	0.66
08-MAY-00 23:59:33	0.05	-0.77	27.3	0	5	89	15.88	0.76

16-TIC-092	1304
CHAMBER	1189
16-TIT-092	1299
02400 DEGF	1160
16-PIC-018	17
	200

Art Puran
Temps

1189
1299

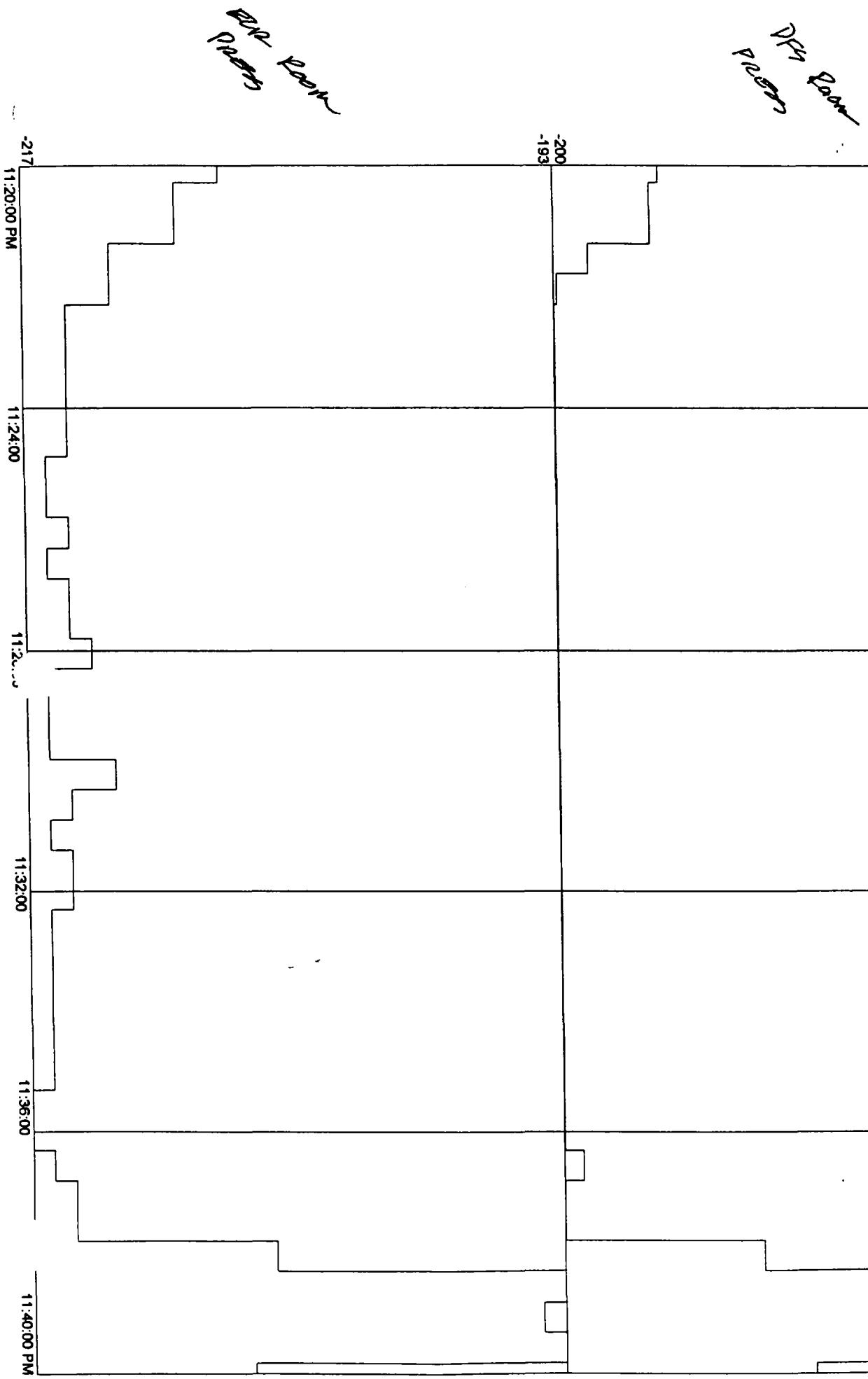
Kunj Process



PLC 110C

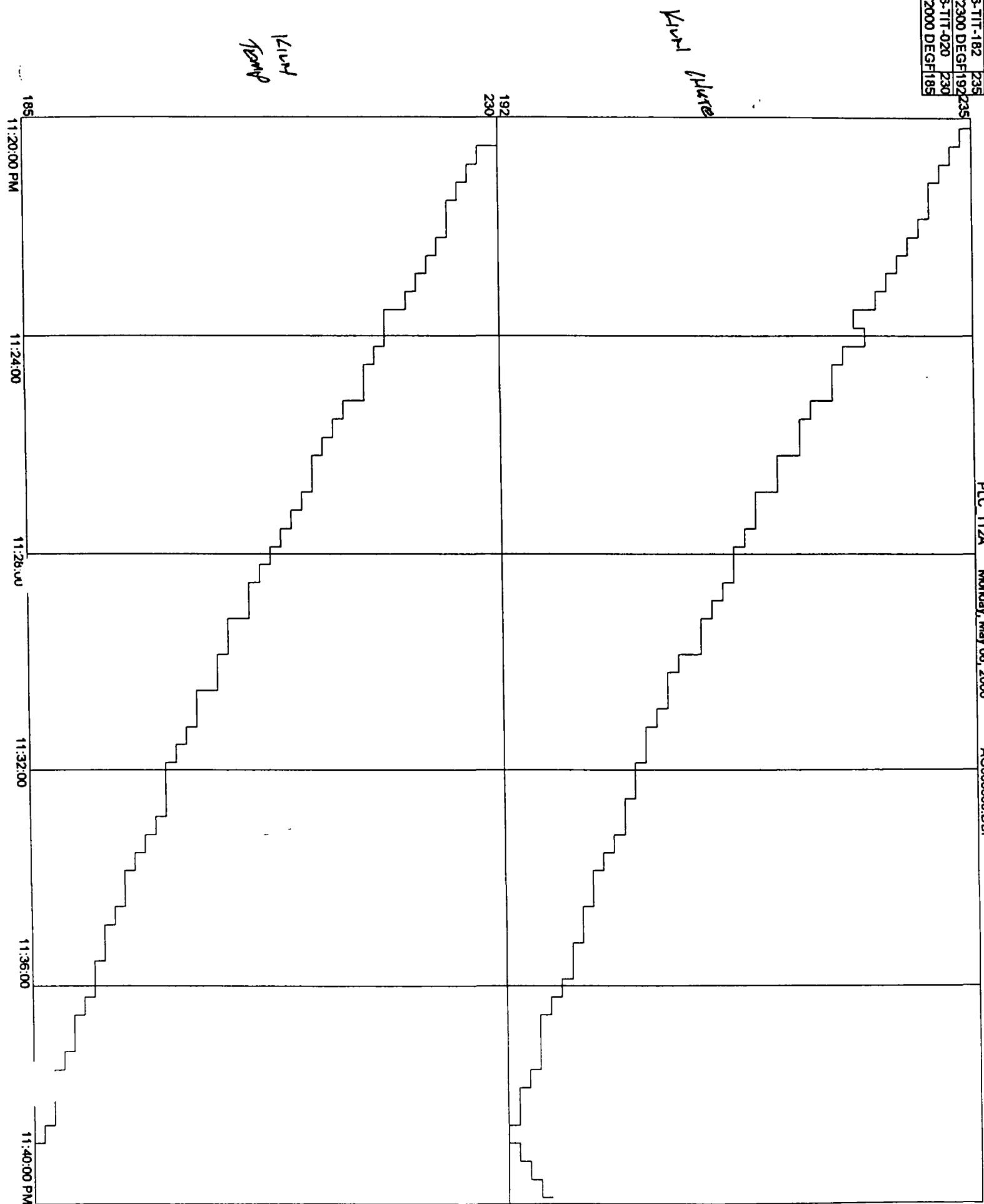
Monday, May 08, 2000 AM000508.DBF

76-PDIC-481	-30
76-PDIT-424	-193
01-3.00 "WIC	-217



16-TIT-182 235
0/2300 DEGF192/235
16-TIT-020 230
0/2000 DEGF185

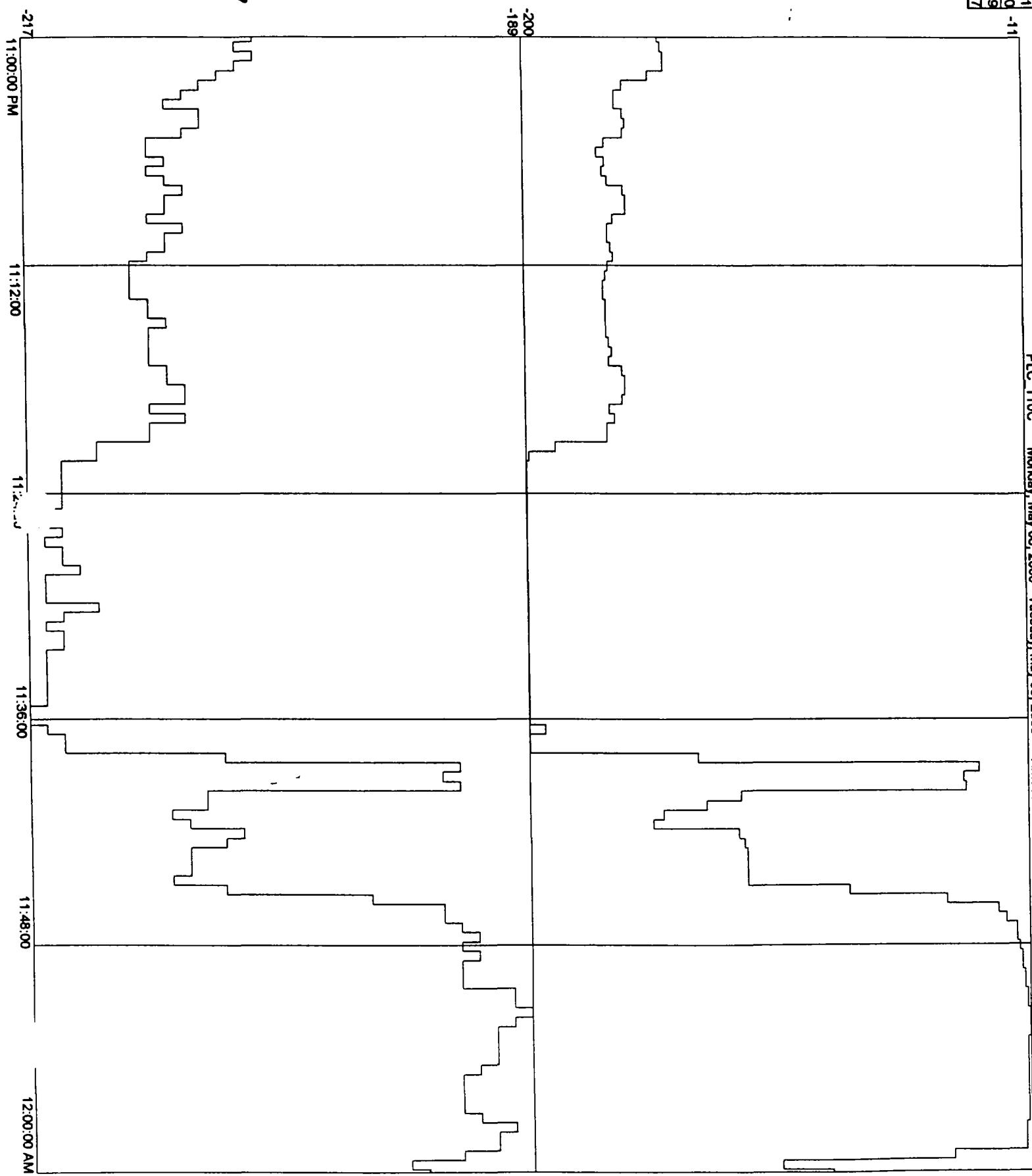
PLC 112A Monday, May 08, 2000 AG000508.DBF



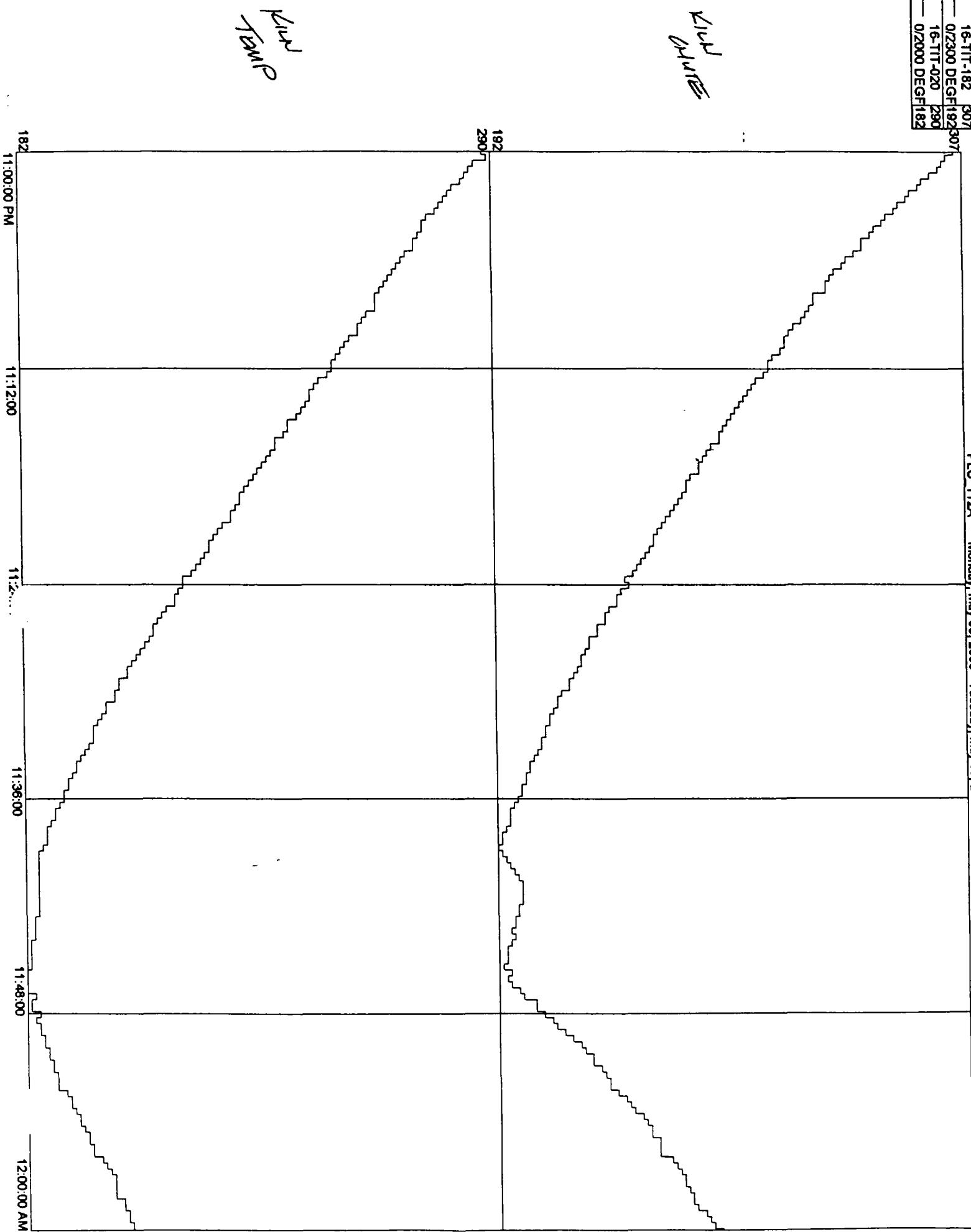
76-PDIC-481	-11
76-PDT-424	200
0/3.00 'WC	189
	217

812B
HOT
Pump
Pump

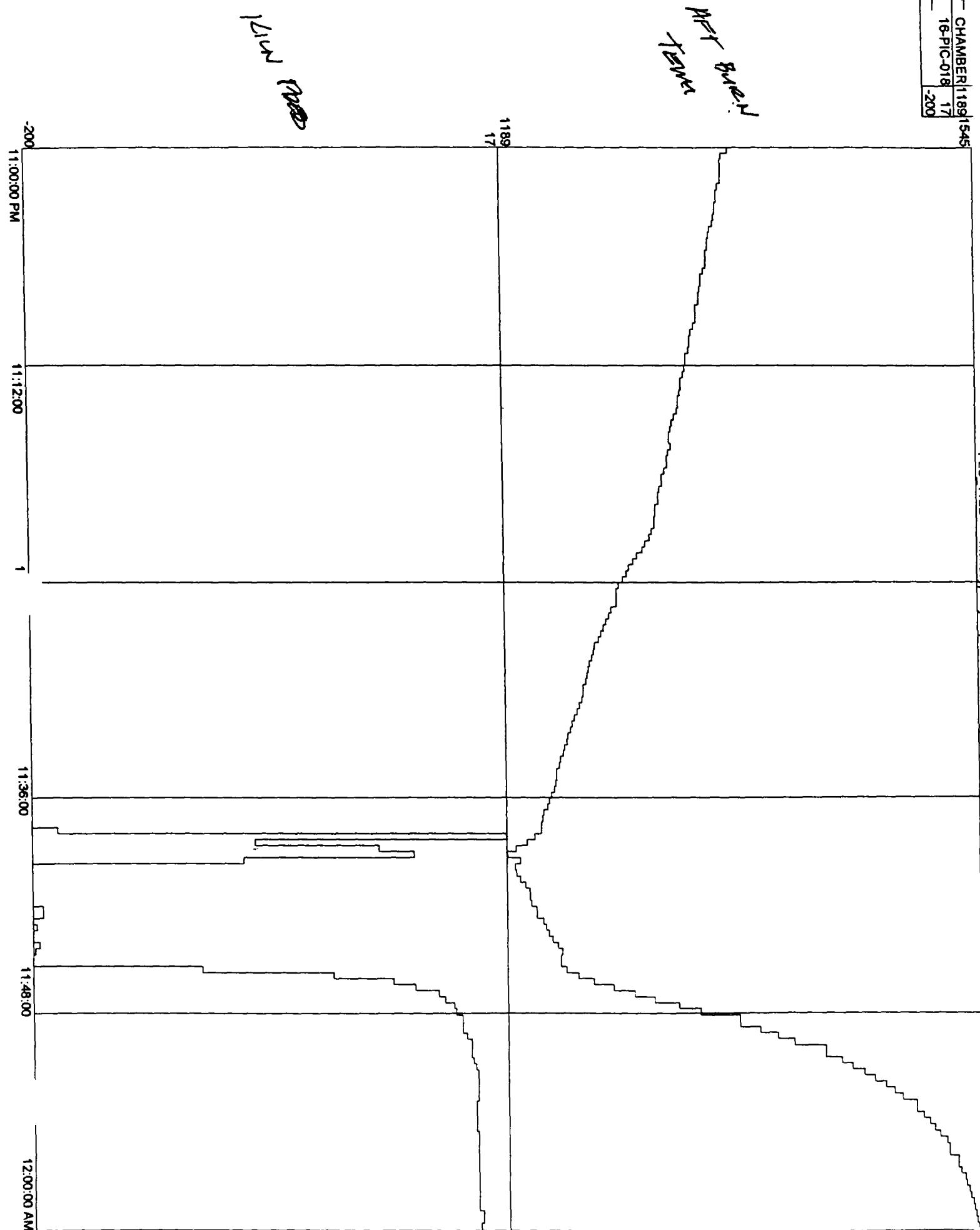
Off
Pump



16-TIT-182	307
0/2300 DEGF	192
16-TIT-020	290
0/2000 DEGF	182



CHAMBER 1189 545
18-PI(C-018) 17
-200



<i>Kiln Burner comb. air</i>	<i>Kiln Gas Flow controller</i>	<i>#1 Afterburner Gas Flow Controller</i>
Event Time	16-Fit-021	16-Fit-243
	16-Fit-243	DFS-FURN-102 AB1 (SCFM)
08-MAY-00 20:30:28	1390	159.6
08-MAY-00 20:30:58	1385	157.3
08-MAY-00 20:31:28	1383	157.4
08-MAY-00 20:31:58	1387	157.6
08-MAY-00 20:32:28	1392	158.2
08-MAY-00 20:32:58	1401	159.3
08-MAY-00 20:33:28	1390	159.5
08-MAY-00 20:33:58	1388	158.5
08-MAY-00 20:34:28	1383	159.6
08-MAY-00 20:34:58	1382	157.5
08-MAY-00 20:35:28	1381	158.1
08-MAY-00 20:35:58	1381	157.4
08-MAY-00 20:36:28	1372	157.8
08-MAY-00 20:36:58	1381	158.4
08-MAY-00 20:37:28	1385	158.4
08-MAY-00 20:37:58	1390	158.6
08-MAY-00 20:38:28	1389	159.6
08-MAY-00 20:38:58	1383	157.5
08-MAY-00 20:39:28	1372	157.8
08-MAY-00 20:39:58	1385	156.9
08-MAY-00 20:40:28	1375	156.1
08-MAY-00 20:40:58	1377	157.1
08-MAY-00 20:41:28	1377	155.6
08-MAY-00 20:41:58	1384	159.
08-MAY-00 20:42:28	1380	157.8
08-MAY-00 20:42:58	1380	158.6
08-MAY-00 20:43:28	1390	159.5
08-MAY-00 20:43:58	1391	160.2
08-MAY-00 20:44:28	1381	160.3
08-MAY-00 20:44:58	1390	159.2
08-MAY-00 20:45:28	1385	158.6
08-MAY-00 20:45:58	1383	159.1
08-MAY-00 20:46:28	1380	159.9
08-MAY-00 20:46:58	1386	159.2
08-MAY-00 20:47:28	1388	160.2
08-MAY-00 20:47:58	1383	159.8
08-MAY-00 20:48:28	1391	159.9
08-MAY-00 20:48:58	1381	158.6
08-MAY-00 20:49:28	1390	159.6
08-MAY-00 20:49:58	1383	159.
08-MAY-00 20:50:28	1377	158.7
08-MAY-00 20:50:58	1381	158.2
08-MAY-00 20:51:28	1387	158.4
08-MAY-00 20:51:58	1387	158.9
08-MAY-00 20:52:28	1387	159.3
08-MAY-00 20:52:58	1381	158.5
08-MAY-00 20:53:28	1382	159.4
08-MAY-00 20:53:58	1387	158.5
		3213 268.5

08-MAY-00 20:54:28	1384	159.5	3225	268.2
08-MAY-00 20:54:58	1388	157.3	3316	270.8
08-MAY-00 20:55:28	1390	160.4	3252	272.
08-MAY-00 20:55:58	1385	157.8	3273	272.3
08-MAY-00 20:56:28	1382	159.3	3270	273.8
08-MAY-00 20:56:58	1391	160.	3277	273.7
08-MAY-00 20:57:28	1387	159.1	3264	274.6
08-MAY-00 20:57:58	1392	159.6	3295	274.8
08-MAY-00 20:58:28	1390	160.	3193	274.6
08-MAY-00 20:58:58	1385	159.1	3283	274.8
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08-MAY-00 20:59:58	1386	159.4	3319	274.8
08-MAY-00 21:00:28	1384	158.9	3271	275.
08-MAY-00 21:00:58	1386	158.3	3279	275.
08-MAY-00 21:01:28	1392	158.	3296	275.2
08-MAY-00 21:01:58	1385	159.8	3295	274.
08-MAY-00 21:02:28	1375	157.3	3295	271.9
08-MAY-00 21:02:58	1381	154.8	3214	272.6
08-MAY-00 21:03:28	1381	156.6	3296	273.1
08-MAY-00 21:03:58	1381	156.6	3274	274.6
08-MAY-00 21:04:28	1377	157.9	3313	274.9
08-MAY-00 21:04:58	1381	158.8	3244	274.8
08-MAY-00 21:05:28	1377	157.6	3308	274.9
08-MAY-00 21:05:58	1381	159.1	3317	277.5
08-MAY-00 21:06:28	1385	157.8	3367	279.3
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08-MAY-00 21:07:58	1381	157.6	3373	279.3
08-MAY-00 21:08:28	1370	158.9	3286	272.6
08-MAY-00 21:08:58	1382	157.9	3347	276.1
08-MAY-00 21:09:28	1386	159.1	3334	276.8
08-MAY-00 21:09:58	1386	158.6	3368	279.6
08-MAY-00 21:10:28	1391	158.9	3361	280.6
08-MAY-00 21:10:58	1391	160.	3322	278.9
08-MAY-00 21:11:28	1392	158.6	3301	277.8
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08-MAY-00 21:12:28	1382	159.3	3347	279.3
08-MAY-00 21:12:58	1387	157.9	3371	278.8
08-MAY-00 21:13:28	1385	157.6	3331	277.2
08-MAY-00 21:13:58	1378	156.7	3326	277.4
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08-MAY-00 21:15:28	1381	158.8	3296	278.8
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08-MAY-00 21:16:28	1380	158.2	3341	276.3
08-MAY-00 21:16:58	1385	158.1	3298	277.
08-MAY-00 21:17:28	1377	157.4	3346	278.7
08-MAY-00 21:17:58	1385	159.4	3367	282.2
08-MAY-00 21:18:28	1390	158.8	3370	281.1

08-MAY-00 21:18:58	1392	159.	3462	282.2
08-MAY-00 21:19:28	1382	156.6	3289	280.4
08-MAY-00 21:19:58	1381	156.5	3261	276.1
08-MAY-00 21:20:28	1385	157.1	3346	276.6
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08-MAY-00 21:21:58	1395	155.	3337	280.3
08-MAY-00 21:22:28	1385	154.9	3341	279.7
08-MAY-00 21:22:58	1392	152.8	3362	279.8
08-MAY-00 21:23:28	1383	153.7	3406	280.1
08-MAY-00 21:23:58	1395	150.	3346	277.5
08-MAY-00 21:24:28	1384	146.6	3379	276.9
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08-MAY-00 21:25:58	1373	139.9	3293	277.5
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08-MAY-00 21:29:58	1379	156.2	3388	281.1
08-MAY-00 21:30:28	1375	158.4	3383	280.6
08-MAY-00 21:30:58	1379	157.	3398	284.7
08-MAY-00 21:31:28	1388	158.3	3409	286.5
08-MAY-00 21:31:58	1374	158.2	3412	288.1
08-MAY-00 21:32:28	1378	155.1	3424	289.6
08-MAY-00 21:32:58	1385	158.2	3533	291.2
08-MAY-00 21:33:28	1378	157.7	3467	290.5
08-MAY-00 21:33:58	1377	158.1	3543	288.6
08-MAY-00 21:34:28	1381	157.3	3488	287.6
08-MAY-00 21:34:58	1380	158.	3461	287.5
08-MAY-00 21:35:28	1378	157.2	3444	287.
08-MAY-00 21:35:58	1374	155.6	3455	288.1
08-MAY-00 21:36:28	1377	155.8	3425	288.8
08-MAY-00 21:36:58	1384	157.7	3421	287.6
08-MAY-00 21:37:28	1380	161.1	3449	287.8
08-MAY-00 21:37:58	1376	158.9	3350	286.7
08-MAY-00 21:38:28	1383	158.3	3440	281.8
08-MAY-00 21:38:58	1383	157.7	3379	282.
08-MAY-00 21:39:28	1381	158.4	3368	280.
08-MAY-00 21:39:58	1381	157.8	3346	281.3
08-MAY-00 21:40:28	1385	159.3	3430	280.5
08-MAY-00 21:40:58	1381	160.	3427	282.2
08-MAY-00 21:41:28	1395	159.6	3367	281.7
08-MAY-00 21:41:58	1383	157.2	3370	280.3
08-MAY-00 21:42:28	1385	156.2	3392	280.6
08-MAY-00 21:42:58	1386	157.3	3386	280.9

08-MAY-00 21:43:28	1385	154.7	3392	281.3
08-MAY-00 21:43:58	1389	154.5	3419	281.
08-MAY-00 21:44:28	1385	151.5	3443	279.8
08-MAY-00 21:44:58	1389	151.6	3379	281.8
08-MAY-00 21:45:28	1382	148.1	3391	282.2
08-MAY-00 21:45:58	1390	149.1	3400	282.
08-MAY-00 21:46:28	1383	148.3	3398	279.5
08-MAY-00 21:46:58	1380	148.6	3377	274.
08-MAY-00 21:47:28	1378	147.3	3338	270.9
08-MAY-00 21:47:58	1381	147.4	3255	269.3
08-MAY-00 21:48:28	1385	146.2	3237	269.1
08-MAY-00 21:48:58	1390	146.7	3238	269.2
08-MAY-00 21:49:28	1387	139.8	3234	270.1
08-MAY-00 21:49:58	1394	138.8	3267	267.1
08-MAY-00 21:50:28	1373	138.	3216	268.3
08-MAY-00 21:50:58	1377	138.2	3147	265.7
08-MAY-00 21:51:28	1381	135.7	3204	265.
08-MAY-00 21:51:58	1374	132.8	3157	264.5
08-MAY-00 21:52:28	1377	130.9	3174	264.2
08-MAY-00 21:52:58	1381	124.9	3107	260.8
08-MAY-00 21:53:28	1369	117.4	3107	257.4
08-MAY-00 21:53:58	1366	110.5	3090	256.8
08-MAY-00 21:54:28	1373	99.2	3057	255.9
08-MAY-00 21:54:58	1362	99.	3006	251.1
08-MAY-00 21:55:28	1372	97.3	3066	253.7
08-MAY-00 21:55:58	1384	97.	3021	251.8
08-MAY-00 21:56:28	1382	96.6	3008	252.1
08-MAY-00 21:56:58	1381	96.6	3072	255.
08-MAY-00 21:57:28	1380	98.7	3045	257.3
08-MAY-00 21:57:58	1373	102.8	3050	258.4
08-MAY-00 21:58:28	1381	106.	3101	258.4
08-MAY-00 21:58:58	1386	109.2	3172	264.
08-MAY-00 21:59:28	1389	111.2	3151	261.3
08-MAY-00 21:59:58	1381	113.	3099	262.5
08-MAY-00 22:00:28	1377	116.1	3162	262.2
08-MAY-00 22:00:58	1392	118.1	3120	262.4
08-MAY-00 22:01:28	1395	121.4	3166	264.
08-MAY-00 22:01:58	1390	123.	3136	264.7
08-MAY-00 22:02:28	1566	0.5	1510	0.
08-MAY-00 22:02:58	1455	0.5	5377	0.
08-MAY-00 22:03:28	1534	0.5	5334	0.
08-MAY-00 22:03:58	1545	0.5	5339	0.
08-MAY-00 22:04:28	1550	0.5	5337	0.
08-MAY-00 22:04:58	1556	0.5	1118	0.
08-MAY-00 22:05:28	1572	0.5	1205	0.
08-MAY-00 22:05:58	1575	0.5	1233	0.
08-MAY-00 22:06:28	1575	0.5	1214	0.
08-MAY-00 22:06:58	1589	0.5	1221	0.
08-MAY-00 22:07:28	1587	0.5	1227	0.

08-MAY-00 22:07:58	1592	0.5	1217	0.
08-MAY-00 22:08:28	1590	0.5	1227	0.
08-MAY-00 22:08:58	1589	0.5	1203	0.
08-MAY-00 22:09:28	1588	0.5	1218	0.
08-MAY-00 22:09:58	1593	0.5	1218	0.
08-MAY-00 22:10:28	1581	0.5	1205	0.
08-MAY-00 22:10:58	1587	0.5	1203	0.
08-MAY-00 22:11:28	1589	0.5	1212	0.
08-MAY-00 22:11:58	1585	0.5	1206	0.
08-MAY-00 22:12:28	1592	0.5	1214	0.
08-MAY-00 22:12:58	1593	0.5	1215	0.
08-MAY-00 22:13:28	1593	0.5	1203	0.
08-MAY-00 22:13:58	1586	0.5	1209	0.
08-MAY-00 22:14:28	1599	0.5	1212	0.
08-MAY-00 22:14:58	1594	0.5	1214	0.
08-MAY-00 22:15:28	1587	0.5	1211	0.
08-MAY-00 22:15:59	1578	0.5	1203	0.
08-MAY-00 22:16:29	1579	0.5	1217	0.
08-MAY-00 22:16:59	1586	0.5	1226	0.
08-MAY-00 22:17:29	1585	0.5	1203	0.
08-MAY-00 22:17:59	1589	0.5	1217	0.
08-MAY-00 22:18:29	1579	0.5	1223	0.
08-MAY-00 22:18:59	1579	0.5	1208	0.
08-MAY-00 22:19:30	1598	0.5	1199	0.
08-MAY-00 22:20:00	1580	0.5	1218	0.
08-MAY-00 22:20:30	1591	0.5	1202	0.
08-MAY-00 22:21:00	1583	0.5	1211	0.
08-MAY-00 22:21:30	1579	0.5	1211	0.
08-MAY-00 22:22:00	1584	0.5	1214	0.
08-MAY-00 22:22:30	1571	0.5	1212	0.
08-MAY-00 22:23:00	1577	0.5	1215	0.
08-MAY-00 22:23:30	2090	0.5	1196	0.
08-MAY-00 22:24:00	2102	0.5	1208	0.
08-MAY-00 22:24:30	2101	0.5	1223	0.
08-MAY-00 22:25:00	2090	0.5	1217	0.
08-MAY-00 22:25:30	2096	0.5	1208	0.
08-MAY-00 22:26:00	2096	0.5	1209	0.
08-MAY-00 22:26:30	2093	0.5	1218	0.
08-MAY-00 22:27:00	2100	0.5	4797	0.
08-MAY-00 22:27:30	2102	0.5	1232	0.
08-MAY-00 22:28:00	2099	0.5	1239	0.
08-MAY-00 22:28:30	2097	0.5	1217	0.
08-MAY-00 22:29:00	2097	0.5	1208	0.
08-MAY-00 22:29:30	2092	0.5	5416	0.
08-MAY-00 22:30:00	2078	0.5	5369	0.
08-MAY-00 22:30:30	2053	0.5	5319	0.
08-MAY-00 22:31:00	2074	0.5	5328	0.
08-MAY-00 22:31:30	2054	0.5	5333	0.
08-MAY-00 22:32:00	2053	0.5	5337	0.

08-MAY-00 22:32:30	2046	0.5	5337	0.
08-MAY-00 22:33:00	2049	0.5	5343	0.
08-MAY-00 22:33:30	2059	0.5	5343	0.
08-MAY-00 22:34:00	2059	0.5	5342	0.
08-MAY-00 22:34:30	2063	0.5	5346	0.
08-MAY-00 22:35:00	2070	0.5	5348	0.
08-MAY-00 22:35:30	2058	0.5	5346	0.
08-MAY-00 22:36:00	2055	0.5	5346	0.
08-MAY-00 22:36:30	2057	0.5	5346	0.
08-MAY-00 22:37:00	2063	0.5	5348	0.
08-MAY-00 22:37:30	2051	0.5	5345	0.
08-MAY-00 22:38:00	2065	0.5	5346	0.
08-MAY-00 22:38:30	2055	0.5	5352	0.
08-MAY-00 22:39:00	2065	0.5	5352	0.
08-MAY-00 22:39:30	2060	0.5	5352	0.
08-MAY-00 22:40:00	2055	0.5	5349	0.
08-MAY-00 22:40:30	2058	0.5	5352	0.
08-MAY-00 22:41:00	2055	0.5	5352	0.
08-MAY-00 22:41:30	2058	0.5	5352	0.
08-MAY-00 22:42:00	2057	0.5	5349	0.
08-MAY-00 22:42:30	2063	0.5	5351	0.
08-MAY-00 22:43:00	2055	0.5	5348	0.
08-MAY-00 22:43:30	2063	0.5	5349	0.
08-MAY-00 22:44:00	2063	0.5	5351	0.
08-MAY-00 22:44:30	2061	0.5	5349	0.
08-MAY-00 22:45:00	2063	0.5	5349	0.
08-MAY-00 22:45:30	2053	0.5	5349	0.
08-MAY-00 22:46:00	2058	0.5	5349	0.
08-MAY-00 22:46:31	2051	0.5	5351	0.
08-MAY-00 22:47:01	2055	0.5	5349	0.
08-MAY-00 22:47:31	2058	0.5	5349	0.
08-MAY-00 22:48:01	2063	0.5	5349	0.
08-MAY-00 22:48:31	2063	0.5	5349	0.
08-MAY-00 22:49:01	980	0.5	5348	0.
08-MAY-00 22:49:31	1011	0.5	2592	0.
08-MAY-00 22:50:01	1003	0.5	2564	0.
08-MAY-00 22:50:31	1009	0.5	2562	0.
08-MAY-00 22:51:01	1010	0.5	2600	0.
08-MAY-00 22:51:31	995	0.5	2597	0.
08-MAY-00 22:52:01	1007	0.5	2585	0.
08-MAY-00 22:52:31	1011	0.5	2610	0.
08-MAY-00 22:53:01	1014	0.5	2546	0.
08-MAY-00 22:53:31	1008	0.5	2618	0.
08-MAY-00 22:54:01	1003	0.5	2583	0.
08-MAY-00 22:54:31	1008	0.5	2600	0.
08-MAY-00 22:55:01	1012	0.5	2589	0.
08-MAY-00 22:55:31	1002	0.5	2580	0.
08-MAY-00 22:56:01	1015	0.5	2607	0.
08-MAY-00 22:56:31	1015	0.5	2577	0.

08-MAY-00 22:57:01	1017	0.5	2576	0.
08-MAY-00 22:57:31	1010	0.5	2609	0.
08-MAY-00 22:58:01	1004	0.5	2595	0.
08-MAY-00 22:58:31	999	0.5	2567	0.
08-MAY-00 22:59:01	1007	0.5	2576	0.
08-MAY-00 22:59:31	1012	0.5	2571	0.
08-MAY-00 23:00:01	0	0.5	1284	0.
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08-MAY-00 23:02:01	0	0.5	1238	0.
08-MAY-00 23:02:31	0	0.5	1253	0.
08-MAY-00 23:03:01	0	0.5	1235	0.
08-MAY-00 23:03:31	0	0.5	1245	0.
08-MAY-00 23:04:01	0	0.5	1232	0.
08-MAY-00 23:04:31	0	0.5	1235	0.
08-MAY-00 23:05:01	0	0.5	1239	0.
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08-MAY-00 23:06:02	0	0.6	1239	0.
08-MAY-00 23:06:32	0	0.5	1257	0.
08-MAY-00 23:07:02	0	0.6	1236	0.
08-MAY-00 23:07:32	0	0.5	1260	0.
08-MAY-00 23:08:02	0	0.5	1232	0.
08-MAY-00 23:08:32	0	0.5	1227	0.
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08-MAY-00 23:09:32	0	0.5	1224	0.
08-MAY-00 23:10:02	0	0.6	1233	0.
08-MAY-00 23:10:32	0	0.5	1236	0.
08-MAY-00 23:11:02	0	0.6	1229	0.
08-MAY-00 23:11:32	0	0.5	1233	0.
08-MAY-00 23:12:02	0	0.6	1214	0.
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08-MAY-00 23:13:02	0	0.6	1227	0.
08-MAY-00 23:13:32	0	0.5	1227	0.
08-MAY-00 23:14:02	0	0.5	1238	0.
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08-MAY-00 23:15:02	0	0.6	1238	0.
08-MAY-00 23:15:32	0	0.5	1235	0.
08-MAY-00 23:16:02	0	0.5	1239	0.
08-MAY-00 23:16:32	0	0.5	1236	0.
08-MAY-00 23:17:02	0	0.6	1250	0.
08-MAY-00 23:17:32	0	0.5	1235	0.
08-MAY-00 23:18:02	0	0.5	1220	0.
08-MAY-00 23:18:32	0	0.5	1241	0.
08-MAY-00 23:19:02	0	0.6	1245	0.
08-MAY-00 23:19:32	0	0.6	1266	0.
08-MAY-00 23:20:02	0	0.5	1266	0.
08-MAY-00 23:20:32	0	0.5	1245	0.
08-MAY-00 23:21:02	0	0.6	1263	0.

08-MAY-00 23:21:32	0	0.5	1263	0.
08-MAY-00 23:22:02	0	0.5	1256	0.
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08-MAY-00 23:23:02	0	0.5	1269	0.
08-MAY-00 23:23:32	0	0.5	1263	0.
08-MAY-00 23:24:02	0	0.5	1268	0.
08-MAY-00 23:24:32	0	0.6	1262	0.
08-MAY-00 23:25:02	0	0.6	1247	0.
08-MAY-00 23:25:32	0	0.6	1272	0.
08-MAY-00 23:26:02	0	0.5	1254	0.
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08-MAY-00 23:27:32	0	0.5	1277	0.
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08-MAY-00 23:28:32	0	0.5	1254	0.
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08-MAY-00 23:29:32	0	0.6	1263	0.
08-MAY-00 23:30:02	0	0.5	1256	0.
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08-MAY-00 23:31:02	0	0.6	1266	0.
08-MAY-00 23:31:32	0	0.6	1268	0.
08-MAY-00 23:32:02	0	0.6	1262	0.
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08-MAY-00 23:37:02	0	0.6	5333	0.
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08-MAY-00 23:38:02	0	0.6	1220	0.
08-MAY-00 23:38:32	0	0.5	0	0.
08-MAY-00 23:39:02	0	0.5	0	0.
08-MAY-00 23:39:32	0	0.6	0	0.
08-MAY-00 23:40:02	0	0.5	0	0.
08-MAY-00 23:40:32	0	0.5	0	0.
08-MAY-00 23:41:02	0	0.5	0	0.
08-MAY-00 23:41:32	0	0.5	0	0.
08-MAY-00 23:42:02	0	0.6	0	0.
08-MAY-00 23:42:32	0	0.5	0	0.
08-MAY-00 23:43:02	0	0.5	0	0.
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08-MAY-00 23:45:02	0	0.5	0	0.
08-MAY-00 23:45:32	0	0.6	0	0.

08-MAY-00 23:46:02	0	0.5	0	0.
08-MAY-00 23:46:32	0	0.5	0	0.
08-MAY-00 23:47:02	0	0.5	0	0.
08-MAY-00 23:47:32	0	0.6	0	0.
08-MAY-00 23:48:02	0	0.5	0	0.
08-MAY-00 23:48:32	0	0.5	0	0.
08-MAY-00 23:49:02	0	0.6	0	0.
08-MAY-00 23:49:32	0	0.5	0	0.
08-MAY-00 23:50:02	0	0.5	0	0.
08-MAY-00 23:50:32	0	0.5	0	0.
08-MAY-00 23:51:02	0	0.5	0	0.
08-MAY-00 23:51:32	0	0.6	0	0.
08-MAY-00 23:52:02	0	0.5	0	0.
08-MAY-00 23:52:32	0	0.5	0	0.
08-MAY-00 23:53:02	0	0.5	0	0.
08-MAY-00 23:53:33	0	0.5	0	0.
08-MAY-00 23:54:03	0	0.5	0	0.
08-MAY-00 23:54:33	0	0.6	0	0.
08-MAY-00 23:55:03	0	0.5	0	0.
08-MAY-00 23:55:33	0	0.5	0	0.
08-MAY-00 23:56:03	0	0.5	0	0.
08-MAY-00 23:56:33	0	0.5	0	0.
08-MAY-00 23:57:03	0	0.5	0	0.
08-MAY-00 23:57:33	0	0.5	0	0.
08-MAY-00 23:58:03	0	0.5	0	0.
08-MAY-00 23:58:33	0	0.5	0	0.
08-MAY-00 23:59:03	0	0.5	0	0.
08-MAY-00 23:59:33	0	0.5	0	0.

DFS Rm Scan

Station	Event Time	Anval	Units	Acstat	Type Descr
DFS352	08-MAY-00 00:00:00	0.55	TWA	ON	LOQ ALARM
DFS352	08-MAY-00 00:01:35	0.52	TWA	CHANGE	LOQ ALARM
DFS352	08-MAY-00 00:04:35	0.49	TWA	CHANGE	LOQ ALARM
DFS352	08-MAY-00 00:13:35	0.45	TWA	CHANGE	LOQ ALARM
DFS352	08-MAY-00 00:16:35	0.41	TWA	CHANGE	LOQ ALARM
DFS352	08-MAY-00 00:28:35	0.38	TWA	CHANGE	LOQ ALARM
DFS352	08-MAY-00 00:34:35	0.36	TWA	CHANGE	LOQ ALARM
DFS352	08-MAY-00 00:43:35	0.34	TWA	CHANGE	LOQ ALARM
DFS352	08-MAY-00 00:52:35	0.32	TWA	CHANGE	LOQ ALARM
DFS352	08-MAY-00 00:58:35	0.3	TWA	CHANGE	LOQ ALARM
DFS352	08-MAY-00 01:04:35	0.28	TWA	CHANGE	LOQ ALARM
DFS352	08-MAY-00 01:16:35	0.26	TWA	CHANGE	LOQ ALARM
DFS352	08-MAY-00 01:25:35	0.23	TWA	CHANGE	LOQ ALARM
DFS352	08-MAY-00 01:37:35	0.21	TWA	CHANGE	LOQ ALARM
DFS352	08-MAY-00 01:49:35	0.22	TWA	OFF	LOQ ALARM
DFS352	08-MAY-00 01:49:35	0.22	TWA	ON	OPERATING
DFS352	08-MAY-00 01:58:28	0.21	TWA	OFF	OPERATING
DFS352	08-MAY-00 01:58:35	511.	TWA	ON	LOQ ALARM
DFS352	08-MAY-00 01:58:35	511.	TWA	CHANGE	LOQ ALARM
DFS352	08-MAY-00 01:58:35	511.	TWA	ON	HI LVL ALARM
DFS352	08-MAY-00 02:07:35	322.	TWA	CHANGE	LOQ ALARM
DFS352	08-MAY-00 02:10:35	161.	TWA	CHANGE	LOQ ALARM
DFS352	08-MAY-00 02:13:35	80.	TWA	CHANGE	LOQ ALARM
DFS352	08-MAY-00 02:16:35	42.2	TWA	CHANGE	LOQ ALARM
DFS352	08-MAY-00 02:19:35	23.	TWA	CHANGE	LOQ ALARM
DFS352	08-MAY-00 02:22:34	12.8	TWA	CHANGE	LOQ ALARM
DFS352	08-MAY-00 02:25:35	7.73	TWA	CHANGE	LOQ ALARM
DFS352	08-MAY-00 02:28:35	5.13	TWA	CHANGE	LOQ ALARM
DFS352	08-MAY-00 02:31:34	3.59	TWA	CHANGE	LOQ ALARM
DFS352	08-MAY-00 02:34:35	2.63	TWA	CHANGE	LOQ ALARM
DFS352	08-MAY-00 02:37:35	2.13	TWA	CHANGE	LOQ ALARM
DFS352	08-MAY-00 02:40:35	1.74	TWA	CHANGE	LOQ ALARM
DFS352	08-MAY-00 02:43:36	1.49	TWA	CHANGE	LOQ ALARM
DFS352	08-MAY-00 02:46:36	1.3	TWA	CHANGE	LOQ ALARM
DFS352	08-MAY-00 02:49:35	1.13	TWA	CHANGE	LOQ ALARM
DFS352	08-MAY-00 02:52:35	1.03	TWA	CHANGE	LOQ ALARM
DFS352	08-MAY-00 02:55:35	0.94	TWA	CHANGE	LOQ ALARM
DFS352	08-MAY-00 02:58:35	0.85	TWA	CHANGE	LOQ ALARM
DFS352	08-MAY-00 03:01:35	0.77	TWA	CHANGE	LOQ ALARM
DFS352	08-MAY-00 03:04:35	511.	TWA	CHANGE	LOQ ALARM
DFS352	08-MAY-00 03:13:34	299.	TWA	CHANGE	LOQ ALARM
DFS352	08-MAY-00 03:16:35	151.	TWA	CHANGE	LOQ ALARM
DFS352	08-MAY-00 03:19:35	78.1	TWA	CHANGE	LOQ ALARM
DFS352	08-MAY-00 03:22:35	42.2	TWA	CHANGE	LOQ ALARM
DFS352	08-MAY-00 03:25:35	23.5	TWA	CHANGE	LOQ ALARM
DFS352	08-MAY-00 03:28:35	14.01	TWA	CHANGE	LOQ ALARM
DFS352	08-MAY-00 03:31:35	8.88	TWA	CHANGE	LOQ ALARM
DFS352	08-MAY-00 03:34:35	5.77	TWA	CHANGE	LOQ ALARM

DFS352 08-MAY-00 03:37:35 4.28 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 03:40:35 3.27 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 03:43:35 2.67 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 03:46:36 2.25 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 03:49:35 1.96 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 03:52:35 1.71 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 03:55:35 1.53 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 03:58:35 1.39 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 04:01:34 1.26 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 04:04:35 1.14 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 04:07:35 511. TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 04:13:35 327. TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 04:16:35 159. TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 04:19:35 81.9 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 04:22:35 41.3 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 04:25:35 22.2 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 04:28:36 12.71 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 04:31:35 7.65 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 04:34:35 4.97 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 04:37:35 3.47 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 04:40:35 2.61 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 04:43:36 2.09 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 04:46:35 1.73 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 04:49:35 1.52 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 04:52:35 1.33 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 04:55:35 1.19 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 04:58:35 1.08 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 05:01:35 1.02 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 05:04:35 0.91 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 05:07:35 0.87 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 05:10:35 0.8 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 05:13:35 0.74 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 05:16:35 0.72 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 05:19:35 0.69 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 05:22:35 0.66 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 05:25:35 0.62 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 05:25:35 0.62 TWA OFF HI LVL ALARM
DFS352 08-MAY-00 05:28:35 0.6 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 05:31:35 0.58 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 05:34:35 0.55 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 05:37:35 0.53 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 05:43:35 0.5 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 05:49:35 0.48 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 05:55:35 0.46 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 05:58:35 0.41 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 06:01:35 0.43 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 06:07:35 0.41 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 06:13:36 0.39 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 06:19:35 0.36 TWA CHANGE LOQ ALARM

DFS352 08-MAY-00 06:25:35 0.34 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 06:40:35 0.32 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 06:55:35 0.29 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 07:10:34 0.27 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 07:16:35 0.4 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 07:19:35 0.38 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 07:22:35 0.33 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 07:25:36 0.27 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 07:31:36 0.25 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 07:37:35 0.23 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 07:49:35 0.21 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 07:52:36 0.23 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 07:52:49 0.23 TWA ON SERVICE
DFS352 08-MAY-00 07:55:35 0.12 TWA OFF LOQ ALARM
DFS352 08-MAY-00 07:55:35 0.12 TWA CHANGE SERVICE
DFS352 08-MAY-00 07:58:35 0.05 TWA CHANGE SERVICE
DFS352 08-MAY-00 08:01:24 0.05 TWA OFF SERVICE
DFS352 08-MAY-00 08:01:24 0.05 TWA ON CHALLENGE
DFS352 08-MAY-00 08:04:36 0.85 TWA CHANGE CHALLENGE
DFS352 08-MAY-00 08:07:35 0.11 TWA CHANGE CHALLENGE
DFS352 08-MAY-00 08:07:46 0.11 TWA ON SERVICE
DFS352 08-MAY-00 08:07:46 0.11 TWA OFF CHALLENGE
DFS352 08-MAY-00 08:10:35 0.05 TWA CHANGE SERVICE
DFS352 08-MAY-00 08:13:29 0.05 TWA OFF SERVICE
DFS352 08-MAY-00 08:13:29 0.05 TWA ON CHALLENGE
DFS352 08-MAY-00 08:13:35 1. TWA CHANGE CHALLENGE
DFS352 08-MAY-00 08:16:35 0.08 TWA CHANGE CHALLENGE
DFS352 08-MAY-00 08:17:45 0.08 TWA OFF CHALLENGE
DFS352 08-MAY-00 08:17:45 0.08 TWA ON OPERATING
DFS352 08-MAY-00 08:19:29 0.08 TWA OFF OPERATING
DFS352 08-MAY-00 08:19:35 25.6 TWA ON LOQ ALARM
DFS352 08-MAY-00 08:19:35 25.6 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 08:19:35 25.6 TWA ON HI LVL ALARM
DFS352 08-MAY-00 08:22:35 13.35 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 08:25:36 6.68 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 08:28:35 3.45 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 08:31:35 1.93 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 08:34:35 1.11 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 08:37:36 0.71 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 08:40:35 0.52 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 08:40:35 0.52 TWA OFF HI LVL ALARM
DFS352 08-MAY-00 08:43:35 0.39 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 08:46:35 0.35 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 08:49:35 0.31 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 08:52:35 0.27 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 09:04:35 0.25 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 09:07:35 0.23 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 09:19:35 0.48 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 09:22:35 0.48 TWA ON HI LVL ALARM

DFS352 08-MAY-00 09:22:36 0.91 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 09:25:35 0.55 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 09:25:35 0.55 TWA OFF HI LVL ALARM
DFS352 08-MAY-00 09:28:36 0.4 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 09:31:35 0.3 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 09:34:35 0.26 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 09:37:35 0.24 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 09:43:35 0.22 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 09:46:35 0.2 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 09:49:35 0.21 TWA OFF LOQ ALARM
DFS352 08-MAY-00 09:49:35 0.21 TWA ON OPERATING
DFS352 08-MAY-00 10:04:36 0.18 TWA CHANGE AGENT LEVEL
DFS352 08-MAY-00 10:16:35 0.2 TWA CHANGE AGENT LEVEL
DFS352 08-MAY-00 10:22:35 0.18 TWA CHANGE AGENT LEVEL
DFS352 08-MAY-00 11:04:35 0.16 TWA CHANGE AGENT LEVEL
DFS352 08-MAY-00 11:49:35 0.14 TWA CHANGE AGENT LEVEL
DFS352 08-MAY-00 11:58:35 0.16 TWA CHANGE AGENT LEVEL
DFS352 08-MAY-00 12:10:36 0.14 TWA CHANGE AGENT LEVEL
DFS352 08-MAY-00 13:55:35 0.12 TWA CHANGE AGENT LEVEL
DFS352 08-MAY-00 14:19:36 0.1 TWA CHANGE AGENT LEVEL
DFS352 08-MAY-00 14:22:35 0.12 TWA CHANGE AGENT LEVEL
DFS352 08-MAY-00 14:31:36 0.1 TWA CHANGE AGENT LEVEL
DFS352 08-MAY-00 14:34:35 0.12 TWA CHANGE AGENT LEVEL
DFS352 08-MAY-00 14:40:36 0.1 TWA CHANGE AGENT LEVEL
DFS352 08-MAY-00 14:43:36 0.12 TWA CHANGE AGENT LEVEL
DFS352 08-MAY-00 15:10:36 0.1 TWA CHANGE AGENT LEVEL
DFS352 08-MAY-00 16:31:29 0.1 TWA OFF OPERATING
DFS352 08-MAY-00 16:31:35 0.34 TWA ON LOQ ALARM
DFS352 08-MAY-00 16:31:35 0.34 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 16:34:36 0.5 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 16:37:35 0.45 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 16:40:36 0.56 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 16:43:35 0.81 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 16:43:35 0.81 TWA ON HI LVL ALARM
DFS352 08-MAY-00 16:46:35 0.94 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 16:49:36 0.98 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 16:52:36 0.95 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 16:55:36 0.79 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 16:58:35 0.68 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 17:01:35 0.68 TWA OFF HI LVL ALARM
DFS352 08-MAY-00 17:01:36 0.59 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 17:04:35 0.51 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 17:07:36 0.45 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 17:10:35 0.39 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 17:13:36 0.37 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 17:19:36 0.32 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 17:22:36 0.27 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 17:28:35 0.2 TWA OFF LOQ ALARM
DFS352 08-MAY-00 17:28:35 0.2 TWA ON OPERATING

DFS352 08-MAY-00 17:28:35 0.2 TWA CHANGE AGENT LEVEL
DFS352 08-MAY-00 17:31:36 0.14 TWA CHANGE AGENT LEVEL
DFS352 08-MAY-00 17:37:29 0.13 TWA OFF OPERATING
DFS352 08-MAY-00 17:37:35 0.13 TWA ON LOQ ALARM
DFS352 08-MAY-00 17:37:36 0.29 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 17:40:35 0.31 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 17:46:36 0.28 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 17:49:35 0.25 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 17:52:36 0.23 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 17:58:36 0.21 TWA CHANGE LOQ ALARM
DFS352 08-MAY-00 18:01:36 0.19 TWA OFF LOQ ALARM
DFS352 08-MAY-00 18:01:36 0.19 TWA ON OPERATING
DFS352 08-MAY-00 18:01:36 0.19 TWA CHANGE AGENT LEVEL
DFS352 08-MAY-00 18:04:36 0.21 TWA CHANGE AGENT LEVEL
DFS352 08-MAY-00 18:07:35 0.19 TWA CHANGE AGENT LEVEL
DFS352 08-MAY-00 18:13:36 0.17 TWA CHANGE AGENT LEVEL
DFS352 08-MAY-00 18:22:35 0.14 TWA CHANGE AGENT LEVEL
DFS352 08-MAY-00 18:40:35 0.12 TWA CHANGE AGENT LEVEL
DFS352 08-MAY-00 18:52:35 0.08 TWA CHANGE AGENT LEVEL
DFS352 08-MAY-00 19:13:35 0.06 TWA CHANGE AGENT LEVEL
DFS352 08-MAY-00 19:16:36 0.08 TWA CHANGE AGENT LEVEL
DFS352 08-MAY-00 19:34:36 0.05 TWA CHANGE AGENT LEVEL
DFS352 08-MAY-00 20:10:36 0.03 TWA CHANGE AGENT LEVEL
DFS352 08-MAY-00 20:28:35 0.05 TWA CHANGE AGENT LEVEL
DFS352 08-MAY-00 20:46:36 0.03 TWA CHANGE AGENT LEVEL
DFS352 08-MAY-00 20:58:36 0.05 TWA CHANGE AGENT LEVEL
DFS352 08-MAY-00 21:04:36 0.03 TWA CHANGE AGENT LEVEL
DFS352 08-MAY-00 21:13:36 0.05 TWA CHANGE AGENT LEVEL
DFS352 08-MAY-00 22:34:36 0.03 TWA CHANGE AGENT LEVEL
DFS352 08-MAY-00 22:43:36 0.05 TWA CHANGE AGENT LEVEL
DFS352 08-MAY-00 22:46:36 0.03 TWA CHANGE AGENT LEVEL
DFS352 08-MAY-00 22:49:36 0.05 TWA CHANGE AGENT LEVEL
DFS352 08-MAY-00 22:52:36 0.03 TWA CHANGE AGENT LEVEL
DFS352 08-MAY-00 23:40:35 0.08 TWA CHANGE AGENT LEVEL
DFS352 08-MAY-00 23:43:36 0.05 TWA CHANGE AGENT LEVEL
DFS352 08-MAY-00 23:49:36 0.03 TWA CHANGE AGENT LEVEL
DFS352 08-MAY-00 23:55:36 0.06 TWA CHANGE AGENT LEVEL

EEB B Adams

Station	Event Time	Anval	Units	Acstat	Type Descr
ECR312	08-MAY-00 00:00:00	0.99		ON	LOQ ALARM
ECR312	08-MAY-00 00:00:00	0.99		ON	HI LVL ALARM
ECR312	08-MAY-00 00:01:56	0.97		CHANGE	LOQ ALARM
ECR312	08-MAY-00 00:04:56	0.92		CHANGE	LOQ ALARM
ECR312	08-MAY-00 00:07:56	0.89		CHANGE	LOQ ALARM
ECR312	08-MAY-00 00:13:56	0.85		CHANGE	LOQ ALARM
ECR312	08-MAY-00 00:16:56	0.83		CHANGE	LOQ ALARM
ECR312	08-MAY-00 00:19:56	0.8		CHANGE	LOQ ALARM
ECR312	08-MAY-00 00:22:56	0.77		CHANGE	LOQ ALARM
ECR312	08-MAY-00 00:25:57	0.73		CHANGE	LOQ ALARM
ECR312	08-MAY-00 00:31:56	0.71		CHANGE	LOQ ALARM
ECR312	08-MAY-00 00:34:56	0.68		CHANGE	LOQ ALARM
ECR312	08-MAY-00 00:40:57	0.66		CHANGE	LOQ ALARM
ECR312	08-MAY-00 00:43:57	0.64		CHANGE	LOQ ALARM
ECR312	08-MAY-00 00:46:55	0.64		OFF	HI LVL ALARM
ECR312	08-MAY-00 00:49:56	0.62		CHANGE	LOQ ALARM
ECR312	08-MAY-00 00:55:56	0.58		CHANGE	LOQ ALARM
ECR312	08-MAY-00 01:01:56	0.56		CHANGE	LOQ ALARM
ECR312	08-MAY-00 01:04:56	0.54		CHANGE	LOQ ALARM
ECR312	08-MAY-00 01:13:56	0.52		CHANGE	LOQ ALARM
ECR312	08-MAY-00 01:16:56	0.5		CHANGE	LOQ ALARM
ECR312	08-MAY-00 01:22:56	0.48		CHANGE	LOQ ALARM
ECR312	08-MAY-00 01:31:56	0.46		CHANGE	LOQ ALARM
ECR312	08-MAY-00 01:34:56	0.44		CHANGE	LOQ ALARM
ECR312	08-MAY-00 01:43:56	0.42		CHANGE	LOQ ALARM
ECR312	08-MAY-00 01:52:56	0.4		CHANGE	LOQ ALARM
ECR312	08-MAY-00 02:01:56	0.38		CHANGE	LOQ ALARM
ECR312	08-MAY-00 02:04:55	0.75		CHANGE	LOQ ALARM
ECR312	08-MAY-00 02:04:55	0.75		ON	HI LVL ALARM
ECR312	08-MAY-00 02:07:56	2.85		CHANGE	LOQ ALARM
ECR312	08-MAY-00 02:10:55	4.28		CHANGE	LOQ ALARM
ECR312	08-MAY-00 02:13:56	4.56		CHANGE	LOQ ALARM
ECR312	08-MAY-00 02:16:56	4.4		CHANGE	LOQ ALARM
ECR312	08-MAY-00 02:19:56	4.		CHANGE	LOQ ALARM
ECR312	08-MAY-00 02:22:56	3.69		CHANGE	LOQ ALARM
ECR312	08-MAY-00 02:25:56	3.25		CHANGE	LOQ ALARM
ECR312	08-MAY-00 02:28:56	2.97		CHANGE	LOQ ALARM
ECR312	08-MAY-00 02:31:56	2.71		CHANGE	LOQ ALARM
ECR312	08-MAY-00 02:34:56	2.41		CHANGE	LOQ ALARM
ECR312	08-MAY-00 02:37:56	2.21		CHANGE	LOQ ALARM
ECR312	08-MAY-00 02:40:56	2.01		CHANGE	LOQ ALARM
ECR312	08-MAY-00 02:43:56	1.89		CHANGE	LOQ ALARM
ECR312	08-MAY-00 02:46:56	1.75		CHANGE	LOQ ALARM
ECR312	08-MAY-00 02:49:56	1.64		CHANGE	LOQ ALARM
ECR312	08-MAY-00 02:52:55	1.53		CHANGE	LOQ ALARM
ECR312	08-MAY-00 02:55:56	1.44		CHANGE	LOQ ALARM
ECR312	08-MAY-00 02:58:56	1.35		CHANGE	LOQ ALARM
ECR312	08-MAY-00 03:01:56	1.3		CHANGE	LOQ ALARM

ECR312	08-MAY-00 03:04:55	1.23	CHANGE LOQ ALARM
ECR312	08-MAY-00 03:07:56	1.19	CHANGE LOQ ALARM
ECR312	08-MAY-00 03:10:56	2.25	CHANGE LOQ ALARM
ECR312	08-MAY-00 03:13:56	4.16	CHANGE LOQ ALARM
ECR312	08-MAY-00 03:16:56	5.04	CHANGE LOQ ALARM
ECR312	08-MAY-00 03:19:56	5.25	CHANGE LOQ ALARM
ECR312	08-MAY-00 03:22:56	5.09	CHANGE LOQ ALARM
ECR312	08-MAY-00 03:25:56	4.72	CHANGE LOQ ALARM
ECR312	08-MAY-00 03:28:56	4.59	CHANGE LOQ ALARM
ECR312	08-MAY-00 03:31:56	4.2	CHANGE LOQ ALARM
ECR312	08-MAY-00 03:34:55	4.	CHANGE LOQ ALARM
ECR312	08-MAY-00 03:37:56	3.81	CHANGE LOQ ALARM
ECR312	08-MAY-00 03:40:56	3.57	CHANGE LOQ ALARM
ECR312	08-MAY-00 03:43:56	3.45	CHANGE LOQ ALARM
ECR312	08-MAY-00 03:46:56	3.25	CHANGE LOQ ALARM
ECR312	08-MAY-00 03:49:56	3.03	CHANGE LOQ ALARM
ECR312	08-MAY-00 03:52:55	2.89	CHANGE LOQ ALARM
ECR312	08-MAY-00 03:55:56	2.77	CHANGE LOQ ALARM
ECR312	08-MAY-00 03:58:56	2.69	CHANGE LOQ ALARM
ECR312	08-MAY-00 04:01:56	2.55	CHANGE LOQ ALARM
ECR312	08-MAY-00 04:04:56	2.51	CHANGE LOQ ALARM
ECR312	08-MAY-00 04:07:56	2.33	CHANGE LOQ ALARM
ECR312	08-MAY-00 04:10:56	2.19	CHANGE LOQ ALARM
ECR312	08-MAY-00 04:13:56	2.69	CHANGE LOQ ALARM
ECR312	08-MAY-00 04:16:56	4.32	CHANGE LOQ ALARM
ECR312	08-MAY-00 04:19:56	5.81	CHANGE LOQ ALARM
ECR312	08-MAY-00 04:25:56	4.99	CHANGE LOQ ALARM
ECR312	08-MAY-00 04:28:56	4.24	CHANGE LOQ ALARM
ECR312	08-MAY-00 04:31:56	3.67	CHANGE LOQ ALARM
ECR312	08-MAY-00 04:34:55	3.29	CHANGE LOQ ALARM
ECR312	08-MAY-00 04:37:56	2.85	CHANGE LOQ ALARM
ECR312	08-MAY-00 04:40:56	2.59	CHANGE LOQ ALARM
ECR312	08-MAY-00 04:43:56	2.37	CHANGE LOQ ALARM
ECR312	08-MAY-00 04:46:56	2.21	CHANGE LOQ ALARM
ECR312	08-MAY-00 04:49:56	2.01	CHANGE LOQ ALARM
ECR312	08-MAY-00 04:52:56	1.99	CHANGE LOQ ALARM
ECR312	08-MAY-00 04:55:56	1.83	CHANGE LOQ ALARM
ECR312	08-MAY-00 04:58:56	1.78	CHANGE LOQ ALARM
ECR312	08-MAY-00 05:01:55	1.69	CHANGE LOQ ALARM
ECR312	08-MAY-00 05:04:56	1.67	CHANGE LOQ ALARM
ECR312	08-MAY-00 05:07:55	1.57	CHANGE LOQ ALARM
ECR312	08-MAY-00 05:10:56	1.52	CHANGE LOQ ALARM
ECR312	08-MAY-00 05:13:56	1.47	CHANGE LOQ ALARM
ECR312	08-MAY-00 05:16:56	2.13	CHANGE LOQ ALARM
ECR312	08-MAY-00 05:19:55	3.05	CHANGE LOQ ALARM
ECR312	08-MAY-00 05:22:56	3.72	CHANGE LOQ ALARM
ECR312	08-MAY-00 05:25:55	3.76	CHANGE LOQ ALARM
ECR312	08-MAY-00 05:31:56	3.65	CHANGE LOQ ALARM
ECR312	08-MAY-00 05:34:55	3.55	CHANGE LOQ ALARM

ECR312	08-MAY-00 05:37:56	3.43	CHANGE	LOQ ALARM
ECR312	08-MAY-00 05:40:55	3.25	CHANGE	LOQ ALARM
ECR312	08-MAY-00 05:43:56	3.09	CHANGE	LOQ ALARM
ECR312	08-MAY-00 05:46:56	2.91	CHANGE	LOQ ALARM
ECR312	08-MAY-00 05:49:56	2.77	CHANGE	LOQ ALARM
ECR312	08-MAY-00 05:52:55	2.59	CHANGE	LOQ ALARM
ECR312	08-MAY-00 05:55:56	2.53	CHANGE	LOQ ALARM
ECR312	08-MAY-00 05:58:56	2.43	CHANGE	LOQ ALARM
ECR312	08-MAY-00 06:01:55	2.35	CHANGE	LOQ ALARM
ECR312	08-MAY-00 06:04:55	2.23	CHANGE	LOQ ALARM
ECR312	08-MAY-00 06:07:56	2.17	CHANGE	LOQ ALARM
ECR312	08-MAY-00 06:10:56	2.07	CHANGE	LOQ ALARM
ECR312	08-MAY-00 06:16:56	1.99	CHANGE	LOQ ALARM
ECR312	08-MAY-00 06:19:55	2.75	CHANGE	LOQ ALARM
ECR312	08-MAY-00 06:22:56	4.36	CHANGE	LOQ ALARM
ECR312	08-MAY-00 06:25:56	4.99	CHANGE	LOQ ALARM
ECR312	08-MAY-00 06:28:55	4.88	CHANGE	LOQ ALARM
ECR312	08-MAY-00 06:31:55	4.64	CHANGE	LOQ ALARM
ECR312	08-MAY-00 06:34:56	4.24	CHANGE	LOQ ALARM
ECR312	08-MAY-00 06:37:55	3.88	CHANGE	LOQ ALARM
ECR312	08-MAY-00 06:40:56	3.47	CHANGE	LOQ ALARM
ECR312	08-MAY-00 06:43:55	3.09	CHANGE	LOQ ALARM
ECR312	08-MAY-00 06:46:56	2.77	CHANGE	LOQ ALARM
ECR312	08-MAY-00 06:49:55	2.57	CHANGE	LOQ ALARM
ECR312	08-MAY-00 06:52:56	2.33	CHANGE	LOQ ALARM
ECR312	08-MAY-00 06:55:55	2.19	CHANGE	LOQ ALARM
ECR312	08-MAY-00 06:58:55	2.	CHANGE	LOQ ALARM
ECR312	08-MAY-00 07:01:56	1.88	CHANGE	LOQ ALARM
ECR312	08-MAY-00 07:04:55	1.8	CHANGE	LOQ ALARM
ECR312	08-MAY-00 07:07:56	1.7	CHANGE	LOQ ALARM
ECR312	08-MAY-00 07:10:56	1.61	CHANGE	LOQ ALARM
ECR312	08-MAY-00 07:13:55	1.5	CHANGE	LOQ ALARM
ECR312	08-MAY-00 07:16:55	1.47	CHANGE	LOQ ALARM
ECR312	08-MAY-00 07:19:56	1.41	CHANGE	LOQ ALARM
ECR312	08-MAY-00 07:22:55	2.57	CHANGE	LOQ ALARM
ECR312	08-MAY-00 07:25:56	3.57	CHANGE	LOQ ALARM
ECR312	08-MAY-00 07:28:56	3.8	CHANGE	LOQ ALARM
ECR312	08-MAY-00 07:31:56	3.88	CHANGE	LOQ ALARM
ECR312	08-MAY-00 07:34:56	3.63	CHANGE	LOQ ALARM
ECR312	08-MAY-00 07:37:56	3.47	CHANGE	LOQ ALARM
ECR312	08-MAY-00 07:40:56	3.29	CHANGE	LOQ ALARM
ECR312	08-MAY-00 07:43:56	3.01	CHANGE	LOQ ALARM
ECR312	08-MAY-00 07:46:55	2.83	CHANGE	LOQ ALARM
ECR312	08-MAY-00 07:49:55	2.67	CHANGE	LOQ ALARM
ECR312	08-MAY-00 07:52:56	2.51	CHANGE	LOQ ALARM
ECR312	08-MAY-00 07:55:55	2.29	CHANGE	LOQ ALARM
ECR312	08-MAY-00 07:58:56	2.21	CHANGE	LOQ ALARM
ECR312	08-MAY-00 08:01:56	2.11	CHANGE	LOQ ALARM
ECR312	08-MAY-00 08:04:55	2.	CHANGE	LOQ ALARM

ECR312	08-MAY-00 08:07:56	1.93	CHANGE LOQ ALARM
ECR312	08-MAY-00 08:10:55	1.82	CHANGE LOQ ALARM
ECR312	08-MAY-00 08:13:56	1.78	CHANGE LOQ ALARM
ECR312	08-MAY-00 08:16:55	1.7	CHANGE LOQ ALARM
ECR312	08-MAY-00 08:19:55	1.66	CHANGE LOQ ALARM
ECR312	08-MAY-00 08:22:55	1.83	CHANGE LOQ ALARM
ECR312	08-MAY-00 08:25:55	2.93	CHANGE LOQ ALARM
ECR312	08-MAY-00 08:28:55	3.15	CHANGE LOQ ALARM
ECR312	08-MAY-00 08:31:56	2.81	CHANGE LOQ ALARM
ECR312	08-MAY-00 08:34:55	2.57	CHANGE LOQ ALARM
ECR312	08-MAY-00 08:37:55	2.37	CHANGE LOQ ALARM
ECR312	08-MAY-00 08:40:55	2.25	CHANGE LOQ ALARM
ECR312	08-MAY-00 08:43:56	2.07	CHANGE LOQ ALARM
ECR312	08-MAY-00 08:46:55	1.98	CHANGE LOQ ALARM
ECR312	08-MAY-00 08:49:56	1.81	CHANGE LOQ ALARM
ECR312	08-MAY-00 08:52:55	1.72	CHANGE LOQ ALARM
ECR312	08-MAY-00 08:55:55	1.64	CHANGE LOQ ALARM
ECR312	08-MAY-00 08:58:55	1.54	CHANGE LOQ ALARM
ECR312	08-MAY-00 09:01:55	1.52	CHANGE LOQ ALARM
ECR312	08-MAY-00 09:04:56	1.41	CHANGE LOQ ALARM
ECR312	08-MAY-00 09:07:56	1.37	CHANGE LOQ ALARM
ECR312	08-MAY-00 09:10:55	1.32	CHANGE LOQ ALARM
ECR312	08-MAY-00 09:13:56	1.27	CHANGE LOQ ALARM
ECR312	08-MAY-00 09:16:56	1.21	CHANGE LOQ ALARM
ECR312	08-MAY-00 09:19:55	1.18	CHANGE LOQ ALARM
ECR312	08-MAY-00 09:22:55	1.12	CHANGE LOQ ALARM
ECR312	08-MAY-00 09:25:55	1.53	CHANGE LOQ ALARM
ECR312	08-MAY-00 09:28:55	2.67	CHANGE LOQ ALARM
ECR312	08-MAY-00 09:31:55	3.11	CHANGE LOQ ALARM
ECR312	08-MAY-00 09:34:56	2.71	CHANGE LOQ ALARM
ECR312	08-MAY-00 09:37:55	2.51	CHANGE LOQ ALARM
ECR312	08-MAY-00 09:40:56	2.13	CHANGE LOQ ALARM
ECR312	08-MAY-00 09:43:55	1.78	CHANGE LOQ ALARM
ECR312	08-MAY-00 09:46:56	1.56	CHANGE LOQ ALARM
ECR312	08-MAY-00 09:49:56	1.36	CHANGE LOQ ALARM
ECR312	08-MAY-00 09:52:56	1.28	CHANGE LOQ ALARM
ECR312	08-MAY-00 09:55:55	1.13	CHANGE LOQ ALARM
ECR312	08-MAY-00 09:58:55	1.06	CHANGE LOQ ALARM
ECR312	08-MAY-00 10:01:56	1.	CHANGE LOQ ALARM
ECR312	08-MAY-00 10:04:55	0.97	CHANGE LOQ ALARM
ECR312	08-MAY-00 10:07:56	0.88	CHANGE LOQ ALARM
ECR312	08-MAY-00 10:13:55	0.83	CHANGE LOQ ALARM
ECR312	08-MAY-00 10:16:55	0.81	CHANGE LOQ ALARM
ECR312	08-MAY-00 10:19:55	0.78	CHANGE LOQ ALARM
ECR312	08-MAY-00 10:28:55	1.92	CHANGE LOQ ALARM
ECR312	08-MAY-00 10:31:56	2.59	CHANGE LOQ ALARM
ECR312	08-MAY-00 10:34:55	2.73	CHANGE LOQ ALARM
ECR312	08-MAY-00 10:37:55	2.65	CHANGE LOQ ALARM
ECR312	08-MAY-00 10:40:56	2.45	CHANGE LOQ ALARM

ECR312	08-MAY-00 10:43:56	2.27	CHANGE	LOQ ALARM
ECR312	08-MAY-00 10:46:55	2.15	CHANGE	LOQ ALARM
ECR312	08-MAY-00 10:49:56	2.	CHANGE	LOQ ALARM
ECR312	08-MAY-00 10:52:55	1.9	CHANGE	LOQ ALARM
ECR312	08-MAY-00 10:55:55	1.76	CHANGE	LOQ ALARM
ECR312	08-MAY-00 10:58:56	1.66	CHANGE	LOQ ALARM
ECR312	08-MAY-00 11:01:56	1.59	CHANGE	LOQ ALARM
ECR312	08-MAY-00 11:04:55	1.5	CHANGE	LOQ ALARM
ECR312	08-MAY-00 11:07:56	1.45	CHANGE	LOQ ALARM
ECR312	08-MAY-00 11:10:55	1.33	CHANGE	LOQ ALARM
ECR312	08-MAY-00 11:13:55	1.27	CHANGE	LOQ ALARM
ECR312	08-MAY-00 11:16:55	1.21	CHANGE	LOQ ALARM
ECR312	08-MAY-00 11:19:55	1.16	CHANGE	LOQ ALARM
ECR312	08-MAY-00 11:22:56	1.11	CHANGE	LOQ ALARM
ECR312	08-MAY-00 11:25:55	1.06	CHANGE	LOQ ALARM
ECR312	08-MAY-00 11:31:55	0.97	CHANGE	LOQ ALARM
ECR312	08-MAY-00 11:34:56	0.95	CHANGE	LOQ ALARM
ECR312	08-MAY-00 11:37:55	0.92	CHANGE	LOQ ALARM
ECR312	08-MAY-00 11:40:55	0.88	CHANGE	LOQ ALARM
ECR312	08-MAY-00 11:46:55	0.83	CHANGE	LOQ ALARM
ECR312	08-MAY-00 11:52:56	0.79	CHANGE	LOQ ALARM
ECR312	08-MAY-00 11:55:55	0.77	CHANGE	LOQ ALARM
ECR312	08-MAY-00 11:58:55	0.75	CHANGE	LOQ ALARM
ECR312	08-MAY-00 12:04:55	0.71	CHANGE	LOQ ALARM
ECR312	08-MAY-00 12:07:56	0.66	CHANGE	LOQ ALARM
ECR312	08-MAY-00 12:13:55	0.64	CHANGE	LOQ ALARM
ECR312	08-MAY-00 12:16:54	0.64	OFF	HI LVL ALARM
ECR312	08-MAY-00 12:16:55	0.62	CHANGE	LOQ ALARM
ECR312	08-MAY-00 12:28:55	0.59	CHANGE	LOQ ALARM
ECR312	08-MAY-00 12:31:55	0.56	CHANGE	LOQ ALARM
ECR312	08-MAY-00 12:40:55	0.54	CHANGE	LOQ ALARM
ECR312	08-MAY-00 12:49:55	0.52	CHANGE	LOQ ALARM
ECR312	08-MAY-00 12:55:55	0.49	CHANGE	LOQ ALARM
ECR312	08-MAY-00 13:04:55	0.47	CHANGE	LOQ ALARM
ECR312	08-MAY-00 13:07:55	0.86	CHANGE	LOQ ALARM
ECR312	08-MAY-00 13:07:55	0.86	ON	HI LVL ALARM
ECR312	08-MAY-00 13:10:55	3.23	CHANGE	LOQ ALARM
ECR312	08-MAY-00 13:13:55	4.04	CHANGE	LOQ ALARM
ECR312	08-MAY-00 13:16:54	3.89	CHANGE	LOQ ALARM
ECR312	08-MAY-00 13:19:55	4.	CHANGE	LOQ ALARM
ECR312	08-MAY-00 13:22:55	4.56	CHANGE	LOQ ALARM
ECR312	08-MAY-00 13:25:55	5.13	CHANGE	LOQ ALARM
ECR312	08-MAY-00 13:28:55	5.33	CHANGE	LOQ ALARM
ECR312	08-MAY-00 13:31:55	5.57	CHANGE	LOQ ALARM
ECR312	08-MAY-00 13:34:55	5.45	CHANGE	LOQ ALARM
ECR312	08-MAY-00 13:40:55	5.33	CHANGE	LOQ ALARM
ECR312	08-MAY-00 13:43:55	5.04	CHANGE	LOQ ALARM
ECR312	08-MAY-00 13:46:55	4.68	CHANGE	LOQ ALARM
ECR312	08-MAY-00 13:52:55	4.32	CHANGE	LOQ ALARM

ECR312	08-MAY-00	14:01:55	4.04	CHANGE	LOQ ALARM
ECR312	08-MAY-00	14:04:55	3.55	CHANGE	LOQ ALARM
ECR312	08-MAY-00	14:07:55	3.03	CHANGE	LOQ ALARM
ECR312	08-MAY-00	14:10:55	2.75	CHANGE	LOQ ALARM
ECR312	08-MAY-00	14:13:55	2.87	CHANGE	LOQ ALARM
ECR312	08-MAY-00	14:16:55	2.75	CHANGE	LOQ ALARM
ECR312	08-MAY-00	14:19:55	2.29	CHANGE	LOQ ALARM
ECR312	08-MAY-00	14:22:54	2.	CHANGE	LOQ ALARM
ECR312	08-MAY-00	14:25:56	1.92	CHANGE	LOQ ALARM
ECR312	08-MAY-00	14:28:55	2.27	CHANGE	LOQ ALARM
ECR312	08-MAY-00	14:31:55	3.37	CHANGE	LOQ ALARM
ECR312	08-MAY-00	14:34:55	4.12	CHANGE	LOQ ALARM
ECR312	08-MAY-00	14:37:55	4.28	CHANGE	LOQ ALARM
ECR312	08-MAY-00	14:40:55	4.76	CHANGE	LOQ ALARM
ECR312	08-MAY-00	14:43:55	5.21	CHANGE	LOQ ALARM
ECR312	08-MAY-00	14:46:55	5.37	CHANGE	LOQ ALARM
ECR312	08-MAY-00	14:49:55	5.09	CHANGE	LOQ ALARM
ECR312	08-MAY-00	14:52:55	4.4	CHANGE	LOQ ALARM
ECR312	08-MAY-00	14:55:55	4.32	CHANGE	LOQ ALARM
ECR312	08-MAY-00	15:01:55	4.4	CHANGE	LOQ ALARM
ECR312	08-MAY-00	15:04:55	4.48	CHANGE	LOQ ALARM
ECR312	08-MAY-00	15:07:54	4.68	CHANGE	LOQ ALARM
ECR312	08-MAY-00	15:10:55	4.84	CHANGE	LOQ ALARM
ECR312	08-MAY-00	15:13:55	5.04	CHANGE	LOQ ALARM
ECR312	08-MAY-00	15:16:54	4.92	CHANGE	LOQ ALARM
ECR312	08-MAY-00	15:22:55	4.72	CHANGE	LOQ ALARM
ECR312	08-MAY-00	15:25:55	4.44	CHANGE	LOQ ALARM
ECR312	08-MAY-00	15:28:55	4.24	CHANGE	LOQ ALARM
ECR312	08-MAY-00	15:31:55	4.48	CHANGE	LOQ ALARM
ECR312	08-MAY-00	15:34:55	4.4	CHANGE	LOQ ALARM
ECR312	08-MAY-00	15:37:55	4.32	CHANGE	LOQ ALARM
ECR312	08-MAY-00	15:40:55	4.16	CHANGE	LOQ ALARM
ECR312	08-MAY-00	15:43:55	4.32	CHANGE	LOQ ALARM
ECR312	08-MAY-00	15:46:55	4.59	CHANGE	LOQ ALARM
ECR312	08-MAY-00	15:49:55	4.48	CHANGE	LOQ ALARM
ECR312	08-MAY-00	15:55:55	3.97	CHANGE	LOQ ALARM
ECR312	08-MAY-00	15:58:55	4.06	CHANGE	LOQ ALARM
ECR312	08-MAY-00	16:01:55	4.28	CHANGE	LOQ ALARM
ECR312	08-MAY-00	16:04:55	5.21	CHANGE	LOQ ALARM
ECR312	08-MAY-00	16:07:55	6.08	CHANGE	LOQ ALARM
ECR312	08-MAY-00	16:10:54	6.32	CHANGE	LOQ ALARM
ECR312	08-MAY-00	16:14:27	6.28	ON	SERVICE
ECR312	08-MAY-00	16:16:55	5.16	OFF	LOQ ALARM
ECR312	08-MAY-00	16:16:55	5.16	CHANGE	SERVICE
ECR312	08-MAY-00	16:16:55	5.16	OFF	HI LVL ALARM
ECR312	08-MAY-00	16:19:55	0.26	CHANGE	SERVICE
ECR312	08-MAY-00	16:22:54	0.06	CHANGE	SERVICE
ECR312	08-MAY-00	16:25:54	0.04	CHANGE	SERVICE
ECR312	08-MAY-00	16:30:35	0.04	ON	CHALLENGE

ECR312	08-MAY-00 16:30:35	0.04	OFF	SERVICE
ECR312	08-MAY-00 16:34:54	0.85	CHANGE	CHALLENGE
ECR312	08-MAY-00 16:36:57	0.85	OFF	CHALLENGE
ECR312	08-MAY-00 16:36:57	0.85	ON	SERVICE
ECR312	08-MAY-00 16:37:55	0.06	CHANGE	SERVICE
ECR312	08-MAY-00 16:39:03	0.06	ON	OPERATING
ECR312	08-MAY-00 16:39:03	0.06	OFF	SERVICE
ECR312	08-MAY-00 16:40:48	0.06	OFF	OPERATING
ECR312	08-MAY-00 16:40:54	4.2	ON	LOQ ALARM
ECR312	08-MAY-00 16:40:54	4.2	CHANGE	LOQ ALARM
ECR312	08-MAY-00 16:40:54	4.2	ON	HI LVL ALARM
ECR312	08-MAY-00 16:43:54	3.97	CHANGE	LOQ ALARM
ECR312	08-MAY-00 16:46:55	3.45	CHANGE	LOQ ALARM
ECR312	08-MAY-00 16:49:54	3.03	CHANGE	LOQ ALARM
ECR312	08-MAY-00 16:52:54	2.53	CHANGE	LOQ ALARM
ECR312	08-MAY-00 16:55:54	2.17	CHANGE	LOQ ALARM
ECR312	08-MAY-00 16:58:55	1.93	CHANGE	LOQ ALARM
ECR312	08-MAY-00 17:01:55	1.68	CHANGE	LOQ ALARM
ECR312	08-MAY-00 17:04:55	1.48	CHANGE	LOQ ALARM
ECR312	08-MAY-00 17:07:55	1.28	CHANGE	LOQ ALARM
ECR312	08-MAY-00 17:10:55	1.09	CHANGE	LOQ ALARM
ECR312	08-MAY-00 17:13:55	0.94	CHANGE	LOQ ALARM
ECR312	08-MAY-00 17:16:54	0.85	CHANGE	LOQ ALARM
ECR312	08-MAY-00 17:19:55	0.79	CHANGE	LOQ ALARM
ECR312	08-MAY-00 17:22:55	0.77	CHANGE	LOQ ALARM
ECR312	08-MAY-00 17:25:54	0.74	CHANGE	LOQ ALARM
ECR312	08-MAY-00 17:28:55	0.67	CHANGE	LOQ ALARM
ECR312	08-MAY-00 17:31:54	0.58	CHANGE	LOQ ALARM
ECR312	08-MAY-00 17:31:54	0.58	OFF	HI LVL ALARM
ECR312	08-MAY-00 17:34:54	0.51	CHANGE	LOQ ALARM
ECR312	08-MAY-00 17:37:54	0.46	CHANGE	LOQ ALARM
ECR312	08-MAY-00 17:40:54	0.44	CHANGE	LOQ ALARM
ECR312	08-MAY-00 17:43:54	0.4	CHANGE	LOQ ALARM
ECR312	08-MAY-00 17:46:55	0.38	CHANGE	LOQ ALARM
ECR312	08-MAY-00 17:49:55	0.36	CHANGE	LOQ ALARM
ECR312	08-MAY-00 17:52:55	0.34	CHANGE	LOQ ALARM
ECR312	08-MAY-00 17:58:54	0.32	CHANGE	LOQ ALARM
ECR312	08-MAY-00 18:04:54	0.3	CHANGE	LOQ ALARM
ECR312	08-MAY-00 18:19:54	0.28	CHANGE	LOQ ALARM
ECR312	08-MAY-00 18:34:55	0.26	CHANGE	LOQ ALARM
ECR312	08-MAY-00 18:46:55	0.24	CHANGE	LOQ ALARM
ECR312	08-MAY-00 19:25:54	0.22	CHANGE	LOQ ALARM
ECR312	08-MAY-00 19:49:54	0.2	CHANGE	LOQ ALARM
ECR312	08-MAY-00 20:19:54	0.18	CHANGE	AGENT LEVEL
ECR312	08-MAY-00 20:19:54	0.18	ON	OPERATING
ECR312	08-MAY-00 20:19:54	0.18	OFF	LOQ ALARM
ECR312	08-MAY-00 20:25:54	0.16	CHANGE	AGENT LEVEL
ECR312	08-MAY-00 20:37:54	0.14	CHANGE	AGENT LEVEL
ECR312	08-MAY-00 20:52:54	0.12	CHANGE	AGENT LEVEL

ECR312	08-MAY-00 21:31:54	0.1	CHANGE	AGENT LEVEL
ECR312	08-MAY-00 21:43:48	0.1	OFF	OPERATING
ECR312	08-MAY-00 21:43:53	0.1	ON	LOQ ALARM
ECR312	08-MAY-00 21:43:54	0.21	CHANGE	LOQ ALARM
ECR312	08-MAY-00 21:46:54	0.24	CHANGE	LOQ ALARM
ECR312	08-MAY-00 21:58:54	0.27	CHANGE	LOQ ALARM
ECR312	08-MAY-00 22:01:54	0.29	CHANGE	LOQ ALARM
ECR312	08-MAY-00 22:19:54	0.27	CHANGE	LOQ ALARM
ECR312	08-MAY-00 22:31:54	0.25	CHANGE	LOQ ALARM
ECR312	08-MAY-00 22:34:54	0.22	CHANGE	LOQ ALARM
ECR312	08-MAY-00 22:37:54	0.25	CHANGE	LOQ ALARM
ECR312	08-MAY-00 22:40:54	0.28	CHANGE	LOQ ALARM
ECR312	08-MAY-00 22:43:54	0.3	CHANGE	LOQ ALARM
ECR312	08-MAY-00 22:49:54	0.32	CHANGE	LOQ ALARM
ECR312	08-MAY-00 22:55:55	0.3	CHANGE	LOQ ALARM
ECR312	08-MAY-00 22:58:54	0.25	CHANGE	LOQ ALARM
ECR312	08-MAY-00 23:01:54	0.23	CHANGE	LOQ ALARM
ECR312	08-MAY-00 23:04:54	0.19	CHANGE	LOQ ALARM
ECR312	08-MAY-00 23:07:54	0.19	ON	OPERATING
ECR312	08-MAY-00 23:07:54	0.19	OFF	LOQ ALARM
ECR312	08-MAY-00 23:07:55	0.16	CHANGE	AGENT LEVEL
ECR312	08-MAY-00 23:10:54	0.14	CHANGE	AGENT LEVEL
ECR312	08-MAY-00 23:16:54	0.12	CHANGE	AGENT LEVEL
ECR312	08-MAY-00 23:28:54	0.1	CHANGE	AGENT LEVEL
ECR312	08-MAY-00 23:34:55	0.08	CHANGE	AGENT LEVEL
ECR312	08-MAY-00 23:43:54	0.01	CHANGE	AGENT LEVEL
ECR312	08-MAY-00 23:46:54	0.13	CHANGE	AGENT LEVEL
ECR312	08-MAY-00 23:49:54	0.15	CHANGE	AGENT LEVEL
ECR312	08-MAY-00 23:52:48	0.15	OFF	OPERATING
ECR312	08-MAY-00 23:52:54	0.23	ON	LOQ ALARM
ECR312	08-MAY-00 23:52:54	0.23	CHANGE	LOQ ALARM
ECR312	08-MAY-00 23:55:54	0.3	CHANGE	LOQ ALARM
ECR312	08-MAY-00 23:58:54	0.32	CHANGE	LOQ ALARM

Station	Event Time	Anval	Units	Acstat	Type Descr
ECR312	09-MAY-00 00:00:00	0.32		ON	LOQ ALARM
ECR312	09-MAY-00 00:04:54	0.27		CHANGE	LOQ ALARM
ECR312	09-MAY-00 00:07:54	0.25		CHANGE	LOQ ALARM
ECR312	09-MAY-00 00:10:55	0.23		CHANGE	LOQ ALARM
ECR312	09-MAY-00 00:19:54	0.21		CHANGE	LOQ ALARM
ECR312	09-MAY-00 00:22:54	0.23		CHANGE	LOQ ALARM
ECR312	09-MAY-00 00:31:54	0.21		CHANGE	LOQ ALARM
ECR312	09-MAY-00 00:34:54	0.19		CHANGE	LOQ ALARM
ECR312	09-MAY-00 00:37:54	0.18		ON	OPERATING
ECR312	09-MAY-00 00:37:54	0.18		OFF	LOQ ALARM
ECR312	09-MAY-00 00:40:48	0.18		OFF	OPERATING
ECR312	09-MAY-00 00:40:53	0.18		ON	LOQ ALARM
ECR312	09-MAY-00 00:43:54	0.22		CHANGE	LOQ ALARM
ECR312	09-MAY-00 03:04:54	0.2		CHANGE	LOQ ALARM
ECR312	09-MAY-00 03:55:53	0.2		ON	OPERATING
ECR312	09-MAY-00 03:55:53	0.2		OFF	LOQ ALARM
ECR312	09-MAY-00 03:58:54	0.18		CHANGE	AGENT LEVEL
ECR312	09-MAY-00 04:37:53	0.16		CHANGE	AGENT LEVEL
ECR312	09-MAY-00 04:58:54	0.14		CHANGE	AGENT LEVEL
ECR312	09-MAY-00 05:01:48	0.14		OFF	OPERATING
ECR312	09-MAY-00 05:01:53	0.14		ON	LOQ ALARM
ECR312	09-MAY-00 05:01:54	0.21		CHANGE	LOQ ALARM
ECR312	09-MAY-00 05:04:54	0.14		CHANGE	AGENT LEVEL
ECR312	09-MAY-00 05:04:54	0.14		ON	OPERATING
ECR312	09-MAY-00 05:04:54	0.14		OFF	LOQ ALARM
ECR312	09-MAY-00 05:07:54	0.1		CHANGE	AGENT LEVEL
ECR312	09-MAY-00 05:10:54	0.08		CHANGE	AGENT LEVEL
ECR312	09-MAY-00 05:13:54	0.06		CHANGE	AGENT LEVEL
ECR312	09-MAY-00 08:07:53	0.04		CHANGE	AGENT LEVEL
ECR312	09-MAY-00 14:07:52	0.02		CHANGE	AGENT LEVEL
ECR312	09-MAY-00 18:58:15	0.02		ON	CHALLENGE
ECR312	09-MAY-00 18:58:15	0.02		OFF	OPERATING
ECR312	09-MAY-00 19:01:52	0.85		CHANGE	CHALLENGE
ECR312	09-MAY-00 19:04:13	0.85		OFF	CHALLENGE
ECR312	09-MAY-00 19:04:13	0.85		ON	SERVICE
ECR312	09-MAY-00 19:04:14	0.85		ON	CHALLENGE
ECR312	09-MAY-00 19:04:14	0.85		OFF	SERVICE
ECR312	09-MAY-00 19:04:52	0.02		CHANGE	CHALLENGE
ECR312	09-MAY-00 19:05:26	0.02		OFF	CHALLENGE
ECR312	09-MAY-00 19:05:26	0.02		ON	OPERATING
ECR312	09-MAY-00 19:28:53	0.04		CHANGE	AGENT LEVEL
ECR312	09-MAY-00 23:28:51	0.02		CHANGE	AGENT LEVEL
ECR312	09-MAY-00 23:33:59	0.03		OFF	OPERATING
ECR312	09-MAY-00 23:33:59	0.03		ON	SERVICE
ECR312	09-MAY-00 23:43:36	0.03		ON	OPERATING
ECR312	09-MAY-00 23:43:36	0.03		OFF	SERVICE
ECR312	10-MAY-00 00:00:00	0.03		ON	OPERATING

